



AURS-led partnership with B&W and AREVA

ENTERED

QA:12:00239
UFC:2300.00

INTER-OFFICE CORRESPONDENCE

DATE: December 3, 2012
FROM: J. E. Hoff
W.W. Allen For
TO: Distribution
SUBJECT: TRANSMITTAL AND CLOSURE OF NWP QUALITY ASSURANCE AUDIT I12-12
CENTRAL CHARACTERIZATION PROJECT QUALITY ASSURANCE PROGRAM

LOCATION: Quality Assurance

LOCATION: Various

At the time this audit was performed, Washington TRU Solutions LLC (WTS) was the Managing and Operating Contractor of the Waste Isolation Pilot Plant (WIPP). However, on October 1, 2012, Nuclear Waste Partnership LLC (NWP) assumed the role as the Managing and Operating Contractor of the WIPP. Therefore, this report is being issued under the company name of NWP. References to WTS and NWP throughout this document can be considered interchangeable.

Nuclear Waste Partnership LLC (NWP), Quality Assurance (QA) Audit I12-12, *Central Characterization Project Quality Assurance Program*, was performed in two segments (on August 13 through 16 and September 24, 2012 at the Central Characterization Project office in Carlsbad and September 10 through 12, 2012 at Idaho National Laboratory (INL), to evaluate the adequacy and effective implementation of the Central Characterization Project (CCP) QA Program for compliance with DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*; WIPP Procedure (WP) 13-1, *WTS Quality Assurance Program Description*; and associated implementing procedure requirements as applicable.

The previous audit of the CCP QA Program (I11-05) resulted in no findings; therefore, an evaluation of the effectiveness of corrective actions was not required.

The results of this audit conclude that the required activities related to the CCP QA Program are adequately and effectively implemented to ensure that program requirements are met. This audit resulted in one finding, one condition corrected during the audit (CDA), and three observations. The finding will be documented on WIPP Form (WF) 12-205 and resultant corrective actions will be tracked and closed through the WIPP Issues Management Process System (IMPS). The CDA and observations require no response. Therefore, this audit is considered closed with the issuance of this report.

A copy of the Audit Report is attached for your information. If you have any questions regarding this audit, please contact Mr. Dale Hood at Extension 8754.

YHS

Attachment



Distribution

December 3, 2012

QA:12:00239

NWP:

E. Gulbransen ED
R. D. Reeves ED
M. L. Sensibaugh ED
W. F. Verlanic ED

cc: W. W. Allen ED
V. K. Cannon ED
R. C. Carrasco ED
D. W. Freeman ED
J. J. Garcia ED
M. S. Hendrickson ED
L. E. Hernandez ED
T. D. Hood ED
F. M. Ito ED
M. D. Keathley ED
A. S. Miller ED
M. A. Mullins 451-27
C. E. Nesser ED
D. K. Ploetz ED
T. R. Reynolds ED
M. F. Sharif ED

Quality Assurance Audit 112-12 File

**NUCLEAR WASTE PARTNERSHIP LLC
QUALITY ASSURANCE AUDIT REPORT
Central Characterization Project Quality Assurance Program
I12-12**

I. EXECUTIVE SUMMARY:

Nuclear Waste Partnership LLC (NWP), Quality Assurance (QA) Audit I12-12, *Central Characterization Project Quality Assurance Program*, was performed in two segments (on August 13 through 16 and September 24, 2012 at the Central Characterization Project office in Carlsbad and September 10 through 12, 2012 at Idaho National Laboratory (INL), to evaluate the adequacy and effective implementation of the Central Characterization Project (CCP) QA Program for compliance with DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*; WIPP Procedure (WP) 13-1, *WTS Quality Assurance Program Description*; and associated implementing procedure requirements as applicable. At the time the audit was performed, it was conducted as a Washington TRU Solutions LLC (WTS) audit; subsequent to the audit performance, NWP has assumed the role of managing contractor of the Waste Isolation Pilot Plant (WIPP), therefore this report is being issued under the company name of NWP. References to WTS and NWP throughout this document can be considered interchangeable.

The previous audit of the CCP QA Program (I11-05) resulted in no findings; therefore, an evaluation of the effectiveness of corrective actions was not required.

The results of this audit conclude that the required activities related to the CCP QA Program are adequately and effectively implemented to ensure that program requirements are met. This audit resulted in one finding, one condition corrected during the audit (CDA), and three observations. The finding will be documented on WIPP Form (WF) 12-205 and resultant corrective actions will be tracked and closed through the WIPP Issues Management Process System (IMPS). The CDA and observations require no response. Therefore, this audit is considered closed with the issuance of this report.

II. AUDIT DETAILS:

Purpose and Scope:

The purpose of this audit was to evaluate the adequacy and effective implementation of approximately one half of the CCP QA Program as well as activities associated with Acceptable Knowledge (AK) which are assessed every year. On alternate years, opposite halves of the QA Program are evaluated. The criteria evaluated during this audit included:

- Organization;
- QA Program;
- Document Control;
- Design Control;
- Procurement Document Control;
- Instructions, Procedures, and Drawings;
- Control of Purchased Items and Services;
- QA Records; and,
- Independent Assessment/Audits.

Additionally, each year's audit includes a site visit to one of the waste generating sites at which CCP is active. This audit included an evaluation of the activities at INL. During this portion of the audit, all applicable criteria of the CCP QA Program were evaluated.

The approach to this audit included observation of processes, documentation reviews, personnel interviews, and evaluations of associated procedures in order to determine the adequacy and effective implementation of the related program requirements. Where deemed appropriate, elements of the Integrated Safety Management System (ISMS) and Conduct of Operations were also evaluated.

Criteria Used:

- DOE/CBFO-94-1012, Revision 11, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*
- ASME/NQA-1-1989
- WIPP Procedure (WP) 13-1, Revision 31, *Washington TRU Solutions LLC Quality Assurance Program Description*
- WP 15-GM.03, Revision 4, *Integrated Safety Management System Description*
- WP 04-CO.01, Revision 1, *Conduct of Operations*

Audit Team:

Lead Auditor:

Mr. T. D. Hood, QA, Oversight Programs

Auditors:

Mr. A. S. Miller, Engineering, Geotechnical and Mine Engineering
Ms. C. E. Nesser, QA, Assurance Programs

Auditor-in-Training:

Ms. L. E. Hernandez, QA, Assurance Programs

Inclusive Dates of Audit:

August 13 through 16 and September 24, 2012 (CCP offices in Carlsbad)
September 10 through 12, 2012 (INL)

Location of Audit:

Skeen-Whitlock Building
Carlsbad, New Mexico

Idaho National Laboratory
Idaho Falls, Idaho

Safety and Security:

The audit activities at the CCP office in Carlsbad, New Mexico, took place in an office environment, with no personal protection equipment (PPE) being necessary. The audit activities at INL involved the NWP Audit Team's presence in areas where PPE consisting of steel-toed shoes, eye protection, orange vests, and/or hard hats was required. The NWP Audit Team members complied with all safety requirements.

During the audit, records storage locations were observed to be adequately designated and their access controlled via authorized access signs and/or locked cabinets.

Conclusions:

The NWP Audit Team concluded that the portions of the CCP QA Program subject to this audit are satisfactorily implemented, with the exceptions documented in Finding I12-12-F-01. This finding is not considered a significant hindrance to overall implementation of the QA Program. The NWP Audit Team commends the professionalism, knowledge, competence, and courtesy displayed by all personnel contacted during the audit.

The NWP Audit Team observed that the CCP organization's structure and responsibilities are established via organization charts and procedural guidance. It was noted that several CCP documents portray a CCP QA. During a recent re-organization of the NWP QA, the CCP QA was merged with QA's Assurance Programs group; therefore, there is no longer a distinct CCP QA. The NWP Audit Team verified that the procedure inaccuracies created as a result of the QA organizational changes were previously recognized and that procedure changes are in process (refer to I12-12-O-01).

The NWP Audit Team verified that the CCP QA Program is established and adequately defined via project plans, interface documents, and procedures. The QA Program was verified to adequately implement applicable upper tier documents, including the CBFO *Quality Assurance Program Document (QAPD)*. It was noted that CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, is credited for being the document that invokes the CBFO QAPD, but CCP-PO-002, *CCP Transuranic Waste Certification Plan*, better describes the QA programmatic requirements (although it isn't referenced in CCP-PO-001 or otherwise given credit for invoking the QA program). The NWP Audit Team verified that there were efforts underway to update and improve these documents and to more appropriately invoke WP 13-1 (refer to I12-12-O-02).

The NWP Audit Team assessed the Document Control activities conducted by Document Services personnel at the Skeen-Whitlock Building and the generation and control of instructions, procedures and drawings. The NWP Audit Team verified that adequate controls are in place to assure that documents prescribing programmatic requirements and procedural guidance are published and current revisions made available to personnel, the documents are reviewed and approved by appropriate personnel for technical and quality adequacy, and changes to controlled documents receive the same review and approval as the original documents. It was noted that during the review process for proposed changes to controlled documents, the review and approval is not always conducted in accordance with procedural requirements (refer to I12-12-F-01).

The NWP Audit Team confirmed that applicable upper-tier requirements from DOE/CBFO-94-1012 and WP 13-1 are adequately addressed in implementing procedures.

The NWP Audit Team verified that CCP personnel properly maintain design configuration and control for the CCP managed equipment utilized during characterization activities.

The NWP Audit Team assessed the procurement processes associated with CCP, as well as the control of purchased product. The NWP Audit Team verified that procurement documents contain adequate descriptions of procured items and associated requirements, both technical and quality-related. Procurement documents were verified to have the required reviews by interested parties. Procured items were verified to be received, inspected, and utilized according to procedural requirements.

The NWP Audit Team verified that QA records are adequately identified, classified, generated and completed, validated, collected, stored, maintained, protected, and transmitted as necessary. This includes hard copy records as well as electronic records.

The NWP Audit Team verified that assessments (i.e., surveillances and management assessments) are scheduled; conducted by independent, qualified personnel; and reported to interested parties. The process was verified to produce identification of conditions adverse to quality and their resolution. It was noted that audits are not conducted, other than an annual internal audit (which is this audit). It was verified that the combination of the surveillances, management assessments, and annual internal audits provide an adequate assessment of the QA Program's implementation.

The NWP Audit Team reviewed various documents related to AK processes to verify compliance with requirements from CCP-TP-005, Revision 24, *CCP Acceptable Knowledge Documentation* and the WIPP Hazardous Waste Facility Permit. One concern was noted and adequately addressed during the audit (refer to I12-12-CDA-01).

The NWP Audit Team traveled to the INL to assess the CCP activities conducted at INL. For this audit, the NWP Audit Team evaluated personnel qualifications, instructions, procedures, document control, material identification and control, inspection and testing, control of measuring and test equipment, inspection and test status, nonconforming item control, corrective action, software control, and records. The NWP Audit Team verified that the CCP QA Program is effectively implemented in the areas to which it applies at INL. One observation made by the NWP Audit Team, related to measuring equipment control, is documented as I12-12-O-03.

The audit also included evaluations for the appropriate application of the Integrated Safety Management System (ISMS). Evidence was observed during the course of the audit that supports the positive application of three ISMS Core Functions. Specifically, the NWP Audit Team was able to confirm the application of the following ISMS Core Functions:

- Core Function Number 1, *Define the Scope of Work* – Procedures are established for the CCP QA Program;
- Core Function Number 4, *Perform Work Within Controls* - Procedures are established to assure processes are conducted appropriately; and
- Core Function Number 5, *Provide Feedback and Continuous Improvement* – Periodic assessments of the CCP QA Program are conducted, and necessary corrective actions are taken when adverse conditions are identified.

This audit resulted in the identification of one finding, one CDA, and three observations. The finding will be documented on WF 12-205 and resultant corrective actions will be tracked and closed through IMPs. The CDA and observations require no response. Therefore, this audit is considered closed with the issuance of this report.

FINDINGS:

I12-12-F-01

Condition(s) Noted:

Changes to controlled documents are not always conducted in accordance with established requirements. When a revision to a controlled CCP document is proposed, Document Services distributes the revised document as Draft A. If reviewers' comments result in further changes being made, the document is re-distributed as Draft B, then C, etc. until no further comments are made. Some reviewers approve earlier versions than the final draft, and do not always get a chance to review/approve the final draft. In practice, whether to re-distribute updated drafts to all the reviewers is at the originator's discretion. It appears that the strict definition of minor changes (Section 4.5.1 of CCP-QP-010) may not be adhered to during these draft changes. Also, the requirement that QA be an approver of certain minor changes (refer to Section 4.5.4 of CCP-QP-010) is not in compliance in those cases where QA does not approve the final draft version.

Requirement(s) Not Met:

CCP-QP-010, Revision 23, *CCP Document Preparation, Approval, and Control*, Section 4.5.1, states:

"Editorial or minor changes may be made to all CCP documents **except** CCP-PO-001, CCP-PO-002, CCP-PO-003, CCP-PO-016, CCP-PO-401, CCP-PO-505, and CCP-QP-001 without the same level of review and approval as the original document." The following items are considered editorial or minor changes:

- Correcting grammar or spelling (the meaning has not changed);
- Renumbering sections or attachments;
- Updating organization titles;
- Changes to non-quality affecting schedules;
- Revising or reformatting forms, providing the original intent of the form has not been altered;
- Attachments marked "Example," "Sample," or exhibits that are clearly intended to be representative only, in part, "Hard copy records shall be stamped, initialed or signed, and dated."

CCP-QP-010, Revision 23, Section 4.5.4, states: All minor Host site-specific changes shall be evaluated and approved by the Site Project Manager and CCP QA before implementation.

CONDITIONS CORRECTED DURING THE AUDIT (CDAs):

I12-12-CDA-01

Condition(s) Noted:

During characterization activities at Oak Ridge National Laboratory, waste was encountered with contents that didn't match the existing AK, resulting in the reassignment of a drum from one Waste Stream to OR-SWSA-CH-SOIL and stipulation of documentation to be updated. During the audit, it was discovered that the documentation had not been updated.

Requirement(s) Not Met:

CCP-TP-005, Revision 22, *CCP Acceptable Knowledge Documentation*, Section 4.10.4, requires that when updating AK for additional waste stream containers, "If the containers are not bounded by the existing AK Summary Report, but should be included in the waste stream, then revise the AK Summary Report..."

Action(s) Taken and Verification of Completion:

Due to the fact this affects an inactive site, CCP personnel are unable to make the changes at this time. However, the NWP Audit Team verified that the issue was identified in freeze files for the affected documents. Therefore, this issue is documented as a CDA.

OBSERVATION(S):

I12-12-O-01

Condition(s) Noted:

Several CCP documents refer to CCP QA. During a recent re-organization of the NWP QA, the CCP QA was merged with QA's Assurance Programs; therefore, there is no longer a distinct CCP QA. The NWP Audit Team verified that the procedure inaccuracies created as a result of the QA organizational changes were previously recognized and that procedure changes are in process. Marked-up procedure changes were reviewed and observed to include substitution of "CCP QA" with "QA".

I12-12-O-02

Condition(s) Noted:

CCP-PO-001 is credited for being the document that invokes the CBFO QAPD. However, CCP-PO-002 actually describes the QA programmatic requirements (it isn't referenced in CCP-PO-001 or otherwise given credit for invoking the QA program). The NWP Audit Team verified that changes are in progress to update and improve these documents and to more appropriately invoke WP 13-1.

I12-12-O-03

Condition(s) Noted:

Pressure/vacuum gages in use at the leak testing stations at the Mobile Loading Unit at INL were not listed on the Measuring and Test Equipment (M&TE) database viewed on-line during the audit. Investigation shows that the information for the gages had been recently provided to the CCP personnel responsible for generation of the M&TE database and that the information was entered in the database soon after the NWP Audit Team was at INL. Although the gages are now listed in the database, the identification numbers listed on the calibration stickers are slightly different than those listed in the database. The database lists six pressure/vacuum gages with equipment identification numbers VAC-PLP-1801 through VAC-PLP-1806, whereas the gages have calibration labels with equipment identification numbers VAC-PI-1801 through VAC-PI-1806. It was observed that these gages are calibrated via work orders by INL personnel and that the work order documentation (i.e., *Instrument Calibration/Check*) shows both of the numbers – the VAC-PLP-XXXX is a number for the "pressure loop" at each leak test station and the VAC-PI-XXXX is the number shown for the gage that exhibits the pressure/vacuum readout.

III. ATTACHMENTS:

Attachment 1, *Table of Personnel Contacted*
Attachment 2, *Table of Documents Reviewed*

IV. SIGNATURES:

Prepared by: 
T. D. Hood, Lead Auditor
Oversight Programs

12-3-12
Date

Approved by: W. W. Allen For
V. K. Cannon, Manager
Assurance Programs

12/3/12
Date

Attachment 1, Table of Personnel Contacted

- [A] Attended Audit Entrance Meeting
- [B] Contacted During the Audit
- [C] Attended Audit Exit Meeting

Name	A	B	C
NWP			
V. K. Cannon	X	X	X-1
W. T. Carlson		X	
C. A. Chester	X	X	
R. J. Czyzewski		X	X-2
A. De Bruyn Kops		X	
A. J. Fisher		X	X-1
J. A. Golden		X	
R. Green		X	
L. R. Jones		X	X-1
C. M. Luoma		X	
V. J. Medina		X	
T. L. Mueller	X	X	X-1
M. W. Percy	X	X	
M. F. Ramirez		X	
R. D. Reeves			X-1
N. K. Roberts		X	
Y. H. Salmon		X	
W. F. Verlanic		X	X-2
J. A. Vernon			X-1
V. M. Waldram		X	
M. A. Walker		X	X-1
J. T. Yturralde		X	
Idaho National Laboratory			
M. Christensen.		X	
C. Covington		X	
C. Davis		X	
B. Dial		X	
The S. M. Stoller Corporation			
C. A. Armijo		X	
A. K. Atwood		X	
M. L. Billett		X	
V. L. Davis		X	
J. E. Madrid		X	
L. Martin		X	
J. R. Payanes		X	
S. K. Percy		X	
S. A. Punchios		X	
J. T. Yturralde		X	
TechSpecs			
C. D. Davis		X	
H. T. Greenwood		X	

X-1 Exit meeting in Carlsbad

X-2 Exit meeting at INL

Attachment 2, Table of Documents Reviewed

Document Identification	Document Title
NM4890139088-TSDF	<i>Waste Isolation Pilot Plant [WIPP] Hazardous Waste Facility Permit</i>
DOE/CBFO-94-1012, Revision 11	<i>U.S. Department of Energy Carlsbad Field Office Quality Assurance [QA] Program Document</i>
DOE/TRU-11-3425, Revision 0	<i>Annual Transuranic [TRU] Waste Inventory Report – 2011</i>
DOEWIPP-02-3122, Revision 7.2	<i>TRU Waste Acceptance Criteria for the Waste Isolation Pilot Plant</i>
DOEWIPP-06-3345, Revision 4	<i>Flammable Gas Analysis</i>
WIPP Procedure (WP) 13-1, Revision 31	<i>Washington TRU Solutions LLC [WTS] QA Program Description</i>
WP 13-1, Revision 32	<i>Nuclear Waste Partnership LLC [NWP] QA Program Description</i>
WP 04-CO.01, Revision 1	<i>Conduct of Operations</i>
WP 04-CO.01, -1 through -16, Revision 1	<i>Conduct of Operations series</i>
WP 13-QA.03, Revision 19	<i>QA Independent Assessment Program</i>
WP 15-GM.01, Revision 3	<i>WTS Project Execution Plans</i>
WP 15-GM.03, Revision 4	<i>Integrated Safety Management System [ISMS] Description</i>
CCP-AK-LANL-009, Revision 7	<i>Central Characterization Project [CCP] Acceptable Knowledge [AK] Summary Report for Los Alamos National Laboratory [LANL] Chemistry And Metallurgy Research Facility Waste Stream LA-MHD03.001</i>
CCP-AK-SRS-12, Revision 5	<i>CCP AK Summary Report for Savannah River Site [SRS] Solid Waste Management Facility</i>
CCP-CM-001, Revision 3	<i>CCP Equipment Change Authorization and Documentation</i>
CCP-CM-031, Revision 0	<i>Verification of Designs Produced by External Agencies</i>
CCP-PO-001, Revision 20	<i>CCP TRU Waste Characterization QA Project Plan</i>
CCP-PO-002, Revision 26	<i>CCP TRU Waste Certification Plan</i>
CCP-PO-004, Revision 30	<i>CCP/SRS Interface Document</i>
CCP-PO-008, Revision 9	<i>CCP QA Interface with the WTS QA Program</i>
CCP-PO-012, Revision 10	<i>CCP/LANL Interface Document</i>
CCP-PO-024, Revision 11	<i>CCP/Idaho National Laboratory [INL] Interface Document</i>
CCP-PO-026, Revision 3	<i>CCP Configuration Management</i>
CCP-PO-403, Revision 1	<i>CCP/Advanced Mixed Waste Treatment Project [AMWTP] Roles and Responsibilities</i>
CCP-PO-405, Revision 0	<i>CCP/Sandia National Laboratory [SNL] Roles and Responsibilities</i>
CCP-QP-001, Revision 7	<i>CCP Graded Approach</i>
CCP-QP-002, Revision 33	<i>CCP Training and Qualification Plan</i>
CCP-QP-004, Revision 10	<i>CCP Corrective Action Management</i>
CCP-QP-005, Revision 21	<i>CCP TRU Nonconforming Item Reporting and Control</i>
CCP-QP-008, Revision 20	<i>CCP Records Management</i>
CCP-QP-010, Revision 23	<i>CCP Document Preparation, Approval, and Control</i>
CCP-QP-011, Revision 10	<i>CCP Laboratory Logbooks</i>
CCP-QP-015, Revision 11	<i>CCP Procurement</i>
CCP-QP-016, Revision 16	<i>CCP Control of Measuring and Testing Equipment [M&TE]</i>
CCP-QP-017, Revision 3	<i>CCP Identification and Control of Items</i>
CCP-QP-018, Revision 9	<i>CCP Management Assessment</i>
CCP-QP-019, Revision 6	<i>CCP QA Reporting to Management</i>
CCP-QP-021, Revision 7	<i>CCP Surveillance Program</i>
CCP-QP-028, Revision 14	<i>CCP Records Filing, Inventorying, Scheduling, and Dispositioning</i>
CCP-TP-002, Revision 24	<i>CCP Reconciliation of Data Quality Objectives and Reporting Characterization Data</i>
CCP-TP-003, Revision 18	<i>CCP Data Analysis for S3000, S4000, and S5000 Characterization</i>
CCP-TP-005, Revision 24	<i>CCP AK Documentation</i>
CCP-TP-006, Revision 16	<i>CCP Visual Examination [VE] Technique for INL Newly Generated TRU Waste</i>
CCP-TP-035, Revision 24	<i>CCP Container Management</i>
CCP-TP-053, Revision 12	<i>CCP Standard Real-Time Radiography [RTR] Inspection Procedure</i>
CCP-TP-068, Revision 8	<i>CCP Standardized Container Management</i>

Document Identification	Document Title
CCP-TP-140, Revision 9	<i>CCP Equipment Maintenance</i>
CCP-TP-162, Revision 1	<i>CCP Random Selection of Containers for Solids and Headspace Gas Sampling [HSGS]</i>
CCP- Standing Order (SO) -010, Revision 0	<i>Information Only Sampling for Selected Analytes using Ground Control Monitoring System [GCMS]</i>
CCP-SO-INL-11-002, Revision 1	<i>48 Hour Drum Heat-up Using Gas Generation Test Canister [GGTC]</i>
CCP-SO-037 (no date or revision number)	<i>Additional Review and Approval of iCALs for Flammable Gas Analysis [FGA]</i>
CCP-SO-074, dated May 11, 2011	<i>File Transfer Protocol (ftp) Site Replacement</i>
CCP-SO-082, Revision 1	<i>Quarterly Inspection for Fillable Forms</i>
CCP-SO-092, dated February 22, 2012	<i>Container Characterization After Closure Date</i>
CCP-SO-093, Revision 3	<i>Content of Document Record Packages Prepared by CCP Document Services</i>
RCT-PXP-027, Revision 0	<i>Project Execution Plan for the TRU Waste Sorting System-1 (TSS-1) Refurbishment Project</i>
RCT-PXP-026, Revision 0	<i>Project Execution Plan for the Development and Deployment of a High Energy Real-Time Radiography (HE-RTR) System</i>
	<i>QA organization chart, dated January 9, 2012</i>
	<i>QA organization chart, dated June 1, 2012</i>
	<i>Semiannual Report on the CCP QA Program, First Half of Calendar Year 2012 (January 1 through June 30, 2012) DRAFT / INFORMATION ONLY</i>
CP:12:01115, dated February 16, 2012	<i>Letter from V. K. Cannon to Mr. R. Unger, subject: Semiannual Report on the CCP QA Program, Second Half of Calendar Year 2012 (July 1 through December 31, 2011) (Report was attached to letter)</i>
	<i>CCP 2012 Surveillance Schedule, Attachment 1, August 10, 2012</i>
QA:12:01026, dated April 2, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-SRS-0002-12, Large Box Nondestructive Assay [NDA] (Report was attached)</i>
QA:12:01030, dated April 2, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-LANL-0001-12, Nondestructive Examination [NDE] Operations (Report was attached)</i>
QA:12:01031, dated March 29, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-CCP-0002-12, CCP Records Management (Report was attached)</i>
QA:12:01035, dated April 10, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP INL Surveillance Report SUR-INL-0001-12, Container Management INL (Report was attached)</i>
QA:12:01037, dated April 11, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-CCP-0003-12, Procurement (Report was attached)</i>
QA:12:01049, dated May 24, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-SRS-0005-12, Contact-Handled [CH] Headspace Gas Sampling [HSGS] – SUMMA at SRS (Report was attached)</i>
QA:12:01051, dated May 24, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-ALD-0001-12, INL Analytical Department (Report was attached)</i>
QA:12:01055, dated June 12, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP Surveillance Report SUR-LANL-0004-12, Standing Orders and Operator Aids (Report was attached)</i>
QA:12:01060, dated June 28, 2012	<i>Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: Information Copy of Completed CCP INL Surveillance Report SUR-INL-0002-12, RTR, CH Waste Operations (Report was attached)</i>
SUR-INL-0003-12, July 25, 2012	<i>Surveillance: NDA</i>
SUR-INL-0004-12, September 6, 2012	<i>Surveillance: TRUPACT II Loading; Area: CCP Mobile Loading Unit</i>
SUR-INL-0005-12, August 12, 2012	<i>Surveillance: RTR and Dose-to-Curie; Area: RH Waste Characterization</i>
	<i>CCP 2012 Management Assessment Schedule, Attachment 2, August 13, 2012</i>

Document Identification	Document Title
QA:12:01021, dated February 15, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0003-12, QA Program Document Matrix</i> (Report was attached)
QA:12:01046, dated May 21, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0004-12, Maintenance, Condition, and Reliability of CCP Characterization Equipment at LANL</i> (Report was attached)
QA:12:01047, dated May 21, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0006-12, Effectiveness of the Integrated Data Center Training Module</i> (Report was attached)
QA:12:01054, dated June 11, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0007-12, Data Generation Level Batch Data Report [BDR] Processing at SRS</i> (Report was attached)
QA:12:01058, dated June 29, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0009-12, Length of Time Since Last Revision to CCP Documents</i> (Report was attached)
QA:12:01068, dated July 18, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0001-12, Time Required to Close CBFO Corrective Action Reports [CARs] Issued to the CCP in Calendar Year 2011</i> (Report was attached)
QA:12:01071, dated July 19, 2012	Interoffice Correspondence from V. K. Cannon to M. L. Sensibaugh, subject: <i>Transmittal of Management Assessment Report MA-CCP-0010-12, QA Qualification</i> (Report was attached)
QA:11:00280, dated December 15, 2011	Interoffice Correspondence from W. W. Allen to J. E. Hoff, subject: <i>Transmittal of Management Assessment Report MA-QA-11-006, Annual QA Department Management Assessment Report</i> (Report was attached)
Calibration Certificate, INL Calibration Identification 723060, Calibration Date December 14, 2011	GGTC Temperature Controller, GGTS-TC-3571
Calibration Certificate, INL Calibration Identification 718103, Calibration Date August 9, 2012	GGTC Temperature Controller, GGTS-TC-3522
Calibration Certificate, INL Calibration Identification 723068, Calibration Date December 14, 2011	GGTC Temperature Controller, GGTS-TC-3573
Calibration Certificate, INL Calibration Identification 723075, Calibration Date August 9, 2012	GGTC Temperature Controller, GGTS-TC-3552
	<i>MTE List, MTE Updated August 19, 2012</i> (list from INL)
	Screen shot of excerpt from M&TE database at INL, showing vacuum/pressure gages
	<i>Instrument Calibration/Check for VAC-PLP-1804 and related AMWTP Work Order Number 415867, Annual Calibration of Pressure Loop, VAC-PLP-1804</i>
	Reviewed Certificates of Calibration for the following M&TE at INL (identification number and description): <ul style="list-style-type: none"> • MTE-450, torque wrench, • MTE-243, thermometer, • MTE-555, pressure indicator / barometer, and • MTE-352, calibrated gas/leak standard
Certificate of Accuracy	Air Liquide, Purchase Order (PO) 415043, ALM030804, expires February 8, 2013; certificate signed by D. VonFeldt (Air Liquide)
Certificate of Accuracy	Air Liquide, PO 415557, ALM011632, certificate signed by D. VonFeldt (Air Liquide)
	Reviewed files (included controlled copy of procedure, approvals, comments, etc) for the following procedures: <ul style="list-style-type: none"> • CCP-PO-001, • CCP-PO-002, • CCP-PO-008,

Document Identification	Document Title
	<ul style="list-style-type: none"> • CCP-PO-024, • CCP-QP-001, • CCP-QP-010, • CCP-QP-011, • CCP-QP-015, • CCP-QP-017, • CCP-QP-018, • CCP-QP-019, and • CCP-QP-021
	<p><i>CCP-INL List of Qualified Individuals (LOQI) , September 6, 2012</i></p>
	<p><i>INL NDE Personnel Waste Streams Qualified List, September 6, 2012</i></p>
	<p>Reviewed training/qualification files (included qualification cards, logbooks, eye exams, tests, appointment letters, and/or evaluations) for the following personnel for the listed examination/evaluation process:</p> <ul style="list-style-type: none"> • Flammable Gas Analysis (FGA) <ul style="list-style-type: none"> ◦ D. Dover, ◦ A. De Bruyn Kops, and ◦ J. Poirier • Gas Generation Testing <ul style="list-style-type: none"> ◦ D. Dover, ◦ A. De Bruyn Kops, and ◦ J. Poirier • SuperHENC <ul style="list-style-type: none"> ◦ S. Cummins, ◦ R. Green, ◦ S. A. McElhaney, and ◦ R. Thompson • NDA Stored Waste Examination Pilot Plant (SWEPP) Gamma-Ray Spectrometer (SGRS) <ul style="list-style-type: none"> ◦ C. Davis, and ◦ B. Dial • NDA Waste Assay Gamma Spectrometer (WAGS) <ul style="list-style-type: none"> ◦ C. Davis, ◦ B. Dial, and ◦ R. Green • Leak Testing <ul style="list-style-type: none"> ◦ M. Christensen, ◦ B. Hebdon, and ◦ L. Seiler • VE <ul style="list-style-type: none"> ◦ L. Grover, ◦ M. Haderlie, ◦ J. Hegsted, ◦ D. Jackman, ◦ S. Pattee, ◦ J. Poole, ◦ J. Stanton, ◦ B. Stark, and ◦ L. Verlanic • RTR <ul style="list-style-type: none"> ◦ J. Bowden, ◦ T. Christensen, and ◦ M. Galbraith
	<p>Level III designation letters / qualification files for:</p> <ul style="list-style-type: none"> • W. Weyerman. Letter (dated September 11, 2012), from V. Cannon • R. Leimenstoll. Letter (dated November 16, 2011), from V. Cannon
<p>CCP-TP-068, Revision 8, <i>CCP Standardized Container Management, Attachment 1</i></p>	<p><i>CCP Container Traveler (Label)</i> Reviewed the completed form for drum numbers:</p> <ul style="list-style-type: none"> • ARP70800, • ARP70803,

Document Identification	Document Title
	<ul style="list-style-type: none"> • ARP70805, • ARP70807, • ARP70808, • ARP70835, • ARP70836, • ARP70837, • ARP70838, and • ARP70839
	<p>Reviewed BDRs for VE with the following BDR numbers:</p> <ul style="list-style-type: none"> • IN-ARP-VE-002776, • IN-ARP-VE-002778, • IN-ARP-VE-002780, • IN-ARP-VE-002782, • IN-ARP-VE-002783, • IN-ARP-VE-002785, • IN-ARP-VE-002788, and • IN-ARP-VE-002790
	<p>Reviewed BDRs for RTR with the following BDR numbers:</p> <ul style="list-style-type: none"> • INRTR5120001, • INRTR5120004, and • INRTR5120005
	<p>Reviewed BDRs for SuperHENC examination with the following BDR numbers:</p> <ul style="list-style-type: none"> • INNDAB11001, • INNDAB11004, and • INNDAB12003
Integrated Data Center Database for verification of containers	Container Numbers ARP 71187, ARP 71270, and ARP71197
Nonconformance Report (NCR)-INL-1039-06, December 20, 2006	BDR Number(s): INNDAW060244; Container Number(s): 10129981; NDA, container rejected; returned to INL
NCR-INL-0799-06, August 17, 2006	BDR Number(s): INNDAW060122; Container Number(s): 10101841, 10105523, 10102014; NDA, container rejected; returned to INL.
NCR-INL-0781-06, August 1, 2006	BDR Number(s): INNDAW060111; Container Number(s): 10102521, 10099524, 10102272, 10105623, and 10104794; NDA, container rejected; returned to INL
NCR-INL-0725-07, October 2, 2007	BDR Number(s): INRTR5070125; Container Number(s): 10168742; NDE, container rejected; returned to INL; NCR open
NCR-INL-0501-08, Revision 2, May 1, 2008	BDR Number(s): INRTR5050104; Container Number(s): 10018191; NDE, container rejected; returned to Host site; NCR open
NCR-INL-0421-12, May 8, 2012	BDR Number(s): IN12FG5026; Container Number(s): ARP70230, ARP70229, ARP70164, and ARP70158; FGA, container rejected; (1) remove from Lot both hard-copy and electronic copy, if applicable; (2) remove containers from applicable AK Tracking Spreadsheet; (3) return to Accelerated Retrieval Project (ARP); NCR open
NCR-INL-0361-12, September 11, 12	BDR Number(s): INNDAW120076; Container Number(s): ARP71204, ARP70451, ARP71202, ARP71267, ARP71209, ARP71187, ARP71197, and ARP71270; NDA, equipment failure; rework; (1) perform a calibration verification per CCP-TP-019; (2) an NDA Expert Analyst will review the Daily Performance Check data and the data associated with the BDR listed in block 3 and once the data is shown satisfactory, the system may be returned to service; NCR open
NCR-INL-2519-11, May 3, 2011	BDR Number(s): INRTR5110048; Container Number(s): 10066902, 10086727, 10161087, 10036200, 10403059, and 10220395; NDE, container rejected; returned to INL; NCR open, container rejected; returned to INL
NCR-INL-0360-12, September 10, 2012	BDR Number(s): INNDAS120031; Container Number(s): ARP71187, ARP71270, and ARP71197; NDA, container rejected; reject from BDR; move the container to WMF-610 and re-assay on WAGS
CBFO CAR 12-026, July 2, 2012	Identified during CBFO Audit A-12-13
CBFO CAR 12-027, July 2, 2012	Identified during CBFO Audit A-12-13

Document Identification	Document Title
OP:12:01365, July 17, 2012	Letter from CCP to CBFO; subject: CCP Corrective Action Plan (CAP) for CBFO CAR 12-026, "Transportation – Related Procedure Violations Due to Inattention to Detail"; CCP CAP for CBFO CAR 12-027, "Multiple Documentation Errors"
CBFO:OQA:CF:CC:12-1441:UFC 2300.00, July 2, 2012	Letter from CBFO to CCP; subject: Issuance of Accelerated CARs 12-026 and 12-027 Identified During Audit A-12-13
Purchase Requisition (PR) 0000416312, April 2, 2012	Spare Parts for Super HENC
PR 0000413321, June 2, 2010	(1500) 019DS Filters for LANL
PR 0000416557, June 20, 2012	Hydrogen for LANL
PR 0000416323, April 4, 2012	Spare Parts for HE-RTR
CCP Equipment Change Authorization (ECA), CM12-0009, [requested] May 1, 2012	INL; NDE-RTR-05; Change tapping on Transformer T1 to configure them for 208 volt input power and make associated adjustments
CCP ECA CM10-0001, [requested] April 21, 2010	LANL TA-54, Area G, Pad 10, Building 54-506; NDA-HENC-01, Manufacture new Drawbridge Lower Actuator Bracket Assemblies per Canberra drawings 10000001550, 10000001551, 10000001552, and 10000001571
	2012 Operator Logbook for FGA area at INL
	2012 Operator Logbook for NDA area at INL
CCP-INL-TRANS-AMWTP-012	2012 Operator Logbook for Mobile Loading Unit area at INL
CP:11:01176	Letter from I. S. Quintana to CCP Records Coordinator; subject: Headspace Gas (HSG) Random Sample Selection Memorandum, for Waste Stream SNL-HCF-S5400-RH, Lot 1, Characterized by the CCP at the SNL; dated May 25, 2011
	LANL VE BDR LA12-OSR-VE-007
	LANL BDR 3LANLDA0005 (Voided)
	INL BDR IN12FG5054
	LA12-OSR [Operational Safety Requirement]-VE-003QTR
	LA-HE-RTR-12-0049
	Disks: <ul style="list-style-type: none"> • MCS [Mobile Characterization Services]; 3LANDA0081; Unscheduled; NDA 2000, 4.0; dated July 31, 2012; • MCS; 3LANDA0082; Unscheduled; NDA 2000, 4.0; dated July 31, 2012; and • MCS; 3LANDA0083; Unscheduled; NDA 2000, 4.0; dated July 31, 2012
	E-mail from A. Atwood (S.M. Stoller Corporation) to S. Martinez (L&M Technologies, Inc.) at the Records Processing Center (RPC) requesting transmittal numbers on July 24, 2012; and S. Martinez's reply with transmittal numbers on July 25, 2012.
	E-mail from L. Nelson to T. Parker requesting RH SNL 40L90, Lot 2 HSG Summary on July 26, 2012; which was transmitted to L. Nelson as a PDF
CCP Records Inventory and Disposition Schedule (RIDS)	Reviewed the following RIDS: <ul style="list-style-type: none"> • General, dated February 14, 2012 • All Sites CH, dated August 2, 2012 • All Sites RH, dated July 23, 2012 • Intersite Shipping, dated May 9, 2012
CCP Qualification Cards	Reviewed qualification cards for the following personnel (qualification card information included below): <ul style="list-style-type: none"> • J. Golden – RCT-CM-01, Revision 0, <i>Configuration Management Engineer/Coordinator Qualification Card</i>, effective August 24, 2010; completed November 2010; • J. Vernon – Site Project Manager (SPM)-01, Revision 12, <i>SPM Qualification Card</i>, effective February 23, 2009; completed June 2009; • S. Peterman – SPM-01, Revision 1, effective October 9, 2002; completed December 2002; • J. Tenorio – VPM-01, Revision 5, <i>Vendor Project Manager Qualification Card</i>, effective March 13, 2009; completed November 2009; • M. Martinez – VPM-01, Revision 3, effective September 21, 2005; completed February 2007; and SPM-01, Revision 8, effective February 14, 2006, completed February 2006; and • B. Verlanic - VPM-01, Revision 4, effective November 16, 2006; completed January 2008

Document Identification	Document Title
Purchase Orders (POs)	Reviewed the following POs: <ul style="list-style-type: none"> • PO415203, • PO415226, • PO415391, • PO415489, • PO415557, • PO415899, • PO415935, • PO415966, • PO416505, • PO416514, • PO415090, • PO415248, • PO415340, and • PO416439
	Reviewed following Container Tracking Spreadsheets (received August 24, 2012 via email from WTS RCT group): <ul style="list-style-type: none"> • LANL LLW-AK-Tracking-Spreadsheet dated August 20, 2012 6_2_05 PM.xls, • ORNL AKT-AK-Tracking-Spreadsheet dated May 30, 2012 1_33_15 PM.xls, and • SRS RH AKT-AK-Tracking-Spreadsheet dated August 23, 2012 2_53_05 PM.xls
Documents pertaining to Waste Stream LA-MHD03.001	
	CCP-TP-005, AK Documentation, Attachment 1, AK Documentation Checklist, completed by AK Expert (AKE) A. Johns, dated January 19, 2012
	CCP-TP-005, Attachment 3, AK Source Document Summary, form for source document C014, completed by AKE A. Johns, dated August 5, 2009
	CCP-TP-005, Attachment 3, form for source document D043, completed by AKE A. Johns, dated April 19, 2011
	CCP-TP-005, Attachment 3, form for source document P038 completed, by AKE A. Johns, dated October 3, 2011
	CCP-TP-005, Attachment 4, AK Information List, completed by AKE A. Johns, dated July 5, 2012
	CCP-TP-005, Attachment 6 Waste Form, Waste Material Parameters, Prohibited Items, and Packaging, (AKE not recorded)
	Memo from J. Schoen, CCP AK, dated June 9, 2008. RE: Waste Material Parameter Analysis
	CCP-TP-005, Attachment 5, Hazardous Constituents, completed by AKE A. Johns, dated August 25, 2009
	CCP-TP-005, Attachment 7, Radionuclides, completed by AKE M. J. Papp, dated November 1, 2011
	Memo from J. M. Schoen, CCP AKE, dated February 18, 2009. RE: Evaluation of Radiological Characterization of the waste stream
	CCP-TP-005, Attachment 8, Waste Containers List, (AKE not recorded)
	Memo dated January 9, 2012; Addition of one container
	Memo dated January 12, 2012; Addition of five containers
	Memo dated March 22, 2012; Addition of ten containers
	CCP-TP-005, Attachment 10, Re-evaluation Checklist, completed by AKE S. Schafer, dated December 13, 2006. Evaluation of NCRs against 33 drums for potential trend code L assignment.
	Memo from S. Schafer, dated December 13, 2006. RE: review of NDA NCR for waste stream
	CCP-TP-005, Attachment 10, completed by AKE R. Fitzgerald, dated February 1, 2007. Driven by NCR-LANL-0803-06
	CCP-TP-053 Revision 4
	RTR Inspection Procedure
	LANL TRU Waste Storage Record, dated October 13, 1999
	NCR-LANL-0803-06
	CCP-TP-005, Attachment 11, completed by AKE R. Fitzgerald, dated February 1,

Document Identification	Document Title
	2007
	CCP-TP-005, Attachment 3, (source document not recorded) completed by AKE R. Fitzgerald, dated February 14, 2007
	CCP-TP-005, Attachment 10, completed by AKE J. M. Schoen dated January 28, 2008. NCR-0502-07
	<i>Waste Stream Profile Form</i> , (Attachment 2 to CCP-TP-002 Rev.15) dated May 31, 2007; and, Change Notice 1 dated November 16, 2006 and Change Notice 2 dated October 12, 2008
	Memo CP:12:01344 from T.Groover dated June 11, 2012. Subject: AK Accuracy Report for LANL Waste Stream LA-MHD03.001, Lots 45 through 60 and CCP Correlation of Container Identification Numbers to BDR Numbers
	CCP-TP-005, Attachment 13, <i>Waste Stream Characterization Checklist</i> (Lot 60), completed by AKE M. Papp dated May 16, 2012
	CCP-TP-005, Attachment 14, <i>CCP AK Accuracy Report</i> completed by Site Project Manager (SPM) K. Zbryk dated April 19, 2007 Lots 1 through 9 and memo CP:07:01158 April 8, 2008 Accuracy Report
	CCP-TP-005, Attachment 14, completed by SMP K. Zbryk dated April 3, 2008 Lots 10 through 21 and memo CP:08:00224
	CCP-TP-005, Attachment 14, completed by SPM K. Zbryk dated March 30, 2009 Lots 22 through 24 and memo CP:09:01152
	CCP-TP-005, Attachment 14, completed by SMP K. Zbryk dated February 25, 2010 Lots 25 through 33 and memo CP:10:01127
	CCP-TP-005, Attachment 14, completed by SPM S. Peterman dated May 30, 2011 Lots 33 through 44 and memo CP:11:01190
	CCP-TP-005, Attachment 14, completed by SPM T. Groover dated July 11, 2012 Lots 45 through 60 and memo CP:12:01344
Documents pertaining to Waste Stream OR-SWSA-CH-SOIL	
	CCP-TP-005, Attachment 4, completed by AKE C. A. Dickerson dated May 16, 2011
	CCP-TP-005, Attachment 5, completed by AKE C. A. Dickerson dated May 3, 2011
	CCP-TP-005, Attachment 6, completed by AKE C. A. Dickerson dated May 26, 2011
	CCP-TP-005, Attachment 7, completed by AKE C. A. Dickerson dated May 10, 2011
	CCP-TP-005, Attachment 8, completed by AKE C. A. Dickerson dated May 26, 2011
	CCP-TP-005, Attachment 10, completed by AKE J. Harrison date May 15, 2011
	CCP-TP-005, Attachment 1, completed by AKE C. A. Dickerson dated May 31, 2011
	CCP-TP-005, Attachment 3, form for source document DR036, completed by AKE C. A. Dickerson 5/26/11
	CCP-TP-005, Attachment 11, <i>AK Source Document Discrepancy Resolution</i> , completed by AKE J. Harrison dated May 25, 2011
Documents pertaining to Waste Stream OR-RF-RH-HET	
	CCP-TP-005, Attachment 1, completed by AKE C. Chancellor dated November 16, 2010
	CCP-TP-005, Attachment 4, completed by AKE C. Chancellor dated November 16, 2010
	CCP-TP-005, Attachment 5, completed by AKE K. J. Peters dated November 12, 2010
	CCP-TP-005, Attachment 6, <i>Waste Form</i> , completed by AKE K. J. Peters dated November 30, 2010
	CCP-TP-005, Attachment 8, completed by AKE K. J. Peters dated November 12, 2010
Documents pertaining to Waste Stream SR-SWMF-HET-A	
	CCP-TP-005, Attachment 1, completed by AKE C. A. Dickerson dated September 1, 2011
	CCP-TP-005, Attachment 4, completed by AKE C. A. Dickerson dated September 1, 2011
	CCP-TP-005, Attachment 5, completed by AKE J. Luginbyhl dated October 21,

Document Identification	Document Title
	2008
	CCP-TP-005, Attachment 6, completed by AKE J. Schoen dated September 1, 2011 and memo dated September 21, 2010 RE: waste material parameter analysis
	CCP-TP-005, Attachment 7, completed by AKE J. Schoen September 1, 2011 and memo dated October 5, 2010 RE: Evaluation of radiological characterization
	CCP-TP-005, Attachment 10, completed by AKE J. Luginbyhl 6/2/09 and NCR dated May 3, 2009 Resolution AK: drum SWD071821 to be removed from Attachment 8
	CCP-TP-005, Attachment 8, completed by AKE C. A. Dickerson September 6, 2011 and note stating that drum was deleted on June 2, 2009
	CCP-TP-005, Attachment 13, completed by: <ul style="list-style-type: none"> • AKE C. Simmons dated April 2, 2008 • AKE J. Luginbyhl dated April 4, 2008 • AKE J. Luginbyhl dated June 20, 2008 • AKE J. Luginbyhl dated July 18, 2008 • AKE J. Luginbyhl dated September 18, 2008 • AKE J. Luginbyhl dated October 24, 2008
	CCP-TP-005, Attachment 14, completed by SPM B. S. Schrock dated September 9, 2011 and memo AK Accuracy Report for Waste Stream, Lots 1-23
Documents pertaining to Waste Stream SR-BCLDP-001.001	
	CCP-TP-005, Attachment 1, completed by AKE L. Price-Watson dated May 13, 2011
	CCP-TP-005, Attachment 4, completed by AKE L. Price-Watson dated May 13, 2011
	CCP-TP-005, Attachment 5, completed by AKE K. J. Peters dated May 18, 2008
	CCP-TP-005, Attachment 6, completed by AKE K. J. Peters dated May 18, 2008
	CCP-TP-005, Attachment 13, completed by AKE K. J. Peters dated August 10, 2010
	CCP-TP-005, Attachment 14, completed by SPM I. S. Quintana dated October 19, 2010 and memo CP:10:01642 RE: Accuracy Report, Lot 1
	CCP-TP-005, Attachment 14, completed by Issued in memo form only dated October 19, 2010 subject: AK Accuracy Report, Lot 1
Documents pertaining to Waste Stream RLCCCPUNIT	
	CCP-TP-005, Attachment 1, completed by AKE T. Greenwood dated May 16, 2012
	CCP-TP-005, Attachment 4, completed by AKE S. Nance dated April 19, 2012
	CCP-TP-005, Attachment 5, completed by AKE M. Doherty dated April 6, 2011
	CCP-TP-005, Attachment 6, completed by AKE M. Doherty dated February 23, 2011 and memo dated February 23, 2011 subject: Calculation of WMPs
	CCP-TP-005, Attachment 7, completed by AKE M. Doherty dated February 23, 2011 and memo dated May 16, 2012 Re: evaluation of radiological characterization
	CCP-TP-005, Attachment 8, completed by AKE S. Nance dated March 1, 2011
	CCP-TP-005, Attachment 13, <i>Waste Stream Characterization Checklist</i> form completed by AKE S. Nance, not signed or dated; not required as this waste stream is listed as "not certified"