



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

MAR 31 2005



Steve Zappe, Project Leader
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

Subject: Revised Audit Plan for Audit A-05-09 of LANL, TRU Waste Characterization Activities Utilizing the Subcontracted Services of Washington TRU Solutions, Central Characterization Project

Dear Mr. Zappe:

Enclosed is a revised audit plan for the Carlsbad Field Office (CBFO) audit to be conducted at the Los Alamos National Laboratories (LANL), Los Alamos, New Mexico on April 11-15, 2005. The audit plan was revised to include payload/container certification including load management of TRU alpha activity concentration.

Please contact the Quality Assurance Manager, Ava L. Holland; at (505) 234-7423 should you have any questions concerning this notification.

Sincerely,

Inés Triay
 Dr. Inés R. Triay
 Acting Manager

Enclosure

cc: w/enclosure
 A. Holland, CBFO *ED
 D. Miehl, CBFO ED
 K. Watson, CBFO ED
 R. McCallister, CBFO ED
 S. Holmes, NMED ED
 J. Bearzi, NMED ED
 C. Walker, Consultant ED
 R. Raaz, WTS ED
 P. Martinez, CTAC ED
 L. Price, LANL ED

CBFO QA File
 CBFO M&RC
 WIPP Operating Record, MS 486-06
 *ED denotes electronic distribution



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-05-09

Organization to be Audited Los Alamos National Laboratory, Washington TRU Solutions, Central Characterization Project (CCP) Services

Organizations to be notified: Los Alamos National Laboratory (LANL)
Washington TRU Solutions (WTS)
New Mexico Environment Department (NMED)
Environmental Protection Agency (EPA)
Defense Nuclear Facilities Safety Board (DNFSB)

Date and Location: April 11-15, 2005
Los Alamos, New Mexico

Audit Team:

Porf Martinez	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Steve Calvert	Auditor, CTAC
Priscilla Martinez	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Tommy Putnam	Auditor, CTAC
Annabelle Axinn	Auditor, CTAC
Tammy Bowden	Auditor, CTAC
Jack Walsh	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Dave Stuenkel	NDA Technical Specialist, CTAC
Karen Gaydosh	RTR&VE Technical Specialist, CTAC
William (BJ) Verret	HSG Technical Specialist, CTAC
Dick Blauvelt	AK Technical Specialist, CTAC
Dee Scott	Transportation Specialist, CTAC
Jim Eide	Transportation Specialist, CTAC
Joe Willis	Transportation Specialist, WTS
Todd Sellmer	Transportation Specialist, WTS

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the CCP technical and quality assurance activities contracted by Los Alamos National Laboratory, (The University of California) for characterization and certification of contact handled homogeneous solid waste (S3000) and debris waste (S5000). The audit scope will also include the characterization and certification of sealed sources as part of the Off-Site Source Recovery Program.

Transportation activities will also be evaluated during the audit including the high wattage waste loading process used by the mobile loading unit and payload/container certification including load management of TRU alpha activity concentration.

Note: The solids sampling and analysis processes will be performed by a CBFO certified independent analytical laboratory (INEEL). In addition, the CCP may utilize the independent laboratory to analyze HSG samples. All independent laboratory analysis results will be forwarded to the CCP for project-level data verification and validation.

See attached 'Process and Equipment to be Reviewed During Audit A-05-09 of LANL/CCP for additional details.

Governing Documents/Requirements:

The overall program adequacy and effectiveness of CCP/LANL documents will be based on the current revisions of the following documents:

Quality Assurance Program Document (QAPD), DOE/CBFO-94-1012

Hazardous Waste Facility Permit Waste Isolation Pilot Plant EPA No. NM4890139088-TSDF by the New Mexico Environment Department

TRUPACT-II Safety Analysis Report; TRUPACT-II Authorized Methods for Payload Control (TRAMPAC); and the TRUPACT-II Certification of Compliance, NRC 71-9281

Contact – Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (CH-WAC), DOE/WIPP-02-3122

Programmatic and technical checklists will be developed from the active revisions of the following documents:

CCP Transuranic Waste Quality Assurance Characterization Project Plan (QAPjP), CCP-PO-001

CCP Transuranic Waste Certification Plan, CCP-PO-002

CCP TRUPACT-II Authorized Methods for Payload Control (TRAMPAC), CCP-PO-003

CCP/LANL Interface Document, CCP-PO-012

Contract between the University of California (LANL) and WTS and associated Statement of Work (SOW)

Related CCP quality assurance and technical implementing procedures

Activities to be Audited:**General**

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

Quality

- Organization and Quality Assurance Program (Program Interfaces and Statement of Work)
- Non-conformances and Corrective Action
- Personnel Qualification and Training
- Documents & Records
- Work Processes
- Procurement
- Inspection and Testing (Control of M&TE for data collection)
- Audits/Assessments
- Sample Control
- Software QA

Technical

- Generator and Project Level Data Validation & Verification
- Acceptable Knowledge (AK)
- Nondestructive Assay (NDA)
- Visual Examination (VE)
- Real Time Radiography (RTR)
- Headspace Gas (HSG) Sampling and Analysis
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)
- Performance Demonstration Program (PDP)
- Waste Analysis Plan (WAP), Section B6
- Transportation Activities
- Load Management of TRU alpha activity concentration


Schedule of Audit Activities:

A pre-audit conference is scheduled for Monday, April 11, 2005 at 4:00 p.m.

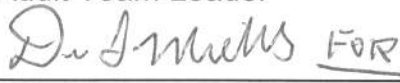
Audit team caucus meetings will be held daily at 4:30 p.m. (Tuesday through Thursday).

The audit team will meet daily with appropriate LANL and CCP management at 8:00 a.m. (Wednesday through Friday).

A post-audit conference is scheduled for Friday, April 15, 2005 at 1:00 p.m. All meetings will take place at the designated LANL location at Los Alamos.

Prepared by: 
Porf Martinez, CTAC
Audit Team Leader

Date: 3/30/05

Approved by:  FOR
Ava L. Holland, CBFO
Quality Assurance Manager

Date: 3-30-05