



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221  
May 7, 2001



Mr. Steve Zappe, Project Leader  
Hazardous Materials Bureau  
New Mexico Environment Department  
2044 A – Galisteo Street  
Santa Fe, New Mexico 87505

RE: Carlsbad Field Office (CBFO) Audit A-01-11 of Los Alamos National Laboratory

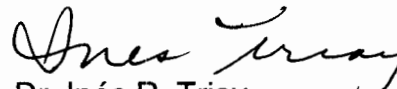
Dear Mr. Zappe:

This letter transmits a revised audit plan for the CBFO audit A-01-11 to be conducted at the Los Alamos National Laboratory (LANL) on May 8-9 and May 14-17, 2001, as required by the WIPP Hazardous Waste Facility Permit, Section B4-3f. Assessment of LANL's Gas Generation Test Program was deleted from the scope of the audit. In addition, because of a scheduling conflict with another audit, a portion of the audit will be conducted a week earlier. The schedule change necessitated the assignment of an additional auditor. The audit plan identifies the audit team members as required by Section B6-3 of the Permit.

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

If you have any questions concerning this notification, please contact the CBFO Quality Assurance Manager, Sam Vega, at (505) 234-7423.

Sincerely,

  
Dr. Inés R. Triay  
Manager

Enclosure



Mr. Steve Zappe

-2-

May 7, 2001

cc: w/enclosure

I. Triay, CBFO

K. Watson, CBFO

S. Vega, CBFO

J. Vandekraats, CBFO

C. Wu, CBFO

J. Kieling, NMED

J. Bearzi, NMED

R. Dinwiddie, NMED

G. Lewis, NMED

H. Herrea, WTS

M. Gerle, WTS

L. Steven, WTS

**CARLSBAD FIELD OFFICE AUDIT PLAN**

**Audit Number:** CBFO A-01-11

**Organization to Be Audited:** Los Alamos National Laboratory (LANL)

**Organizations to Be Notified:** Los Alamos National Laboratory (LANL)  
New Mexico Environment Department (NMED)  
Environmental Protection Agency (EPA-ORIA)  
Environmental Evaluation Group (EEG)  
Defense Nuclear Facilities Safety Board (DNSFB)

**Date and Location:** May 8-9 and May 14-17, 2001  
Los Alamos, New Mexico

**Audit Team:**

Earl Bradford	Audit Team Leader, CTAC
Steve Calvert	QA Auditor, CTAC
Pete Rodriguez	QA Auditor, CTAC
Wayne Ledford	QA Auditor/VE Technical Specialist, CTAC
Dee Scott	QA Auditor, CTAC
Jim Schuetz	QA Auditor, CTAC
Charlie Riggs	QA Auditor, CTAC

**Audit Scope:** The audit will evaluate the adequacy, implementation, and effectiveness of technical activities and associated quality assurance program requirements related to the LANL TRU Waste characterization and certification programs for debris wastes. Specifically, the Visual Examination (VE) Technique associated with packaging operations conducted in TA-55, repackaging of containers exceeding the wattage limits in the WCRR Facility, and packaging of source materials for the Off-Site Source Recovery (OSR) Program.

**Activities to be Audited:**

The following CBFO Quality Assurance Program Document (QAPD) elements as they relate to the activities identified in the audit scope will be evaluated:

- Organization/QA Program
- Personnel Qualification and Training
- Documents and Records
- Control of Nonconforming Items
- Procurement
- Software Quality Assurance (TA-55)

The following CBFO Characterization/Certification technical elements will be evaluated:

Visual Examination (TA-55, OSR Program and WCRRF)  
Generation Level and Project Level Data Verification and Validation  
Acceptable Knowledge

**Governing Documents/Requirements:**

Adequacy evaluations of LANL site and TRU Waste Certification Program (TWCP) specific documents will be based on the current revisions of the following documents:

CAO Quality Assurance Program Document, CAO-94-1012

Waste Acceptance Criteria for the Waste Isolation Pilot Plant, DOE/WIPP-069

Hazardous Waste Facility Permit Waste Isolation Pilot Plant EPA No. NM4890139088 by the New Mexico Environment Department, October 27, 1999

Safety Analysis Report for TRUPACT-II Shipping Package, Appendix 1.3.7, TRAMPAC

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

LANL Transuranic Waste Quality Assurance Project Plan (QAPjP), TWCP-PLAN-0.2.3-001

LANL TWCP Quality Assurance Management Plan (QAMP), TWCP-PLAN-0.2.6-001

LANL Transuranic Waste Certification Plan (includes TRAMPAC), TWCP-PLAN-0.2.4-001

LANL TA-55 Transuranic Waste Interface Document, NMT7-AP-TA55-018

LANL Off-Site Source Recovery Transuranic Waste Interface Document, OSR-OP-002

Related LANL technical and quality assurance implementing procedures

**Schedule of Audit Activities:**

Evaluation of the TA-55 Waste Management System and the associated software quality assurance program will be conducted May 8-9, 2001.

A pre-audit conference is scheduled for Monday, May 14, 2001, at 9:00 a.m. in the Physics Auditorium (Technical Area 03, Bldg. 215).

Auditing activities will commence at 10:00 a.m., Monday 14, 2001

An audit team caucus will be held at 4:30 p.m. Monday through Thursday in the RAMROD facility, Conference Room 15 in Bldg. 37, Technical Area 50. This room will also serve as the main assembly area for the audit team throughout the week.

The audit team will meet with appropriate LANL management at 8:00 a.m. Tuesday through Thursday in the RAMROD facility, Conference Room 15 (Technical Area 50, Bldg.37).

The post-audit conference is scheduled for Thursday, May 17, 2001, at 4:00 p.m. in Conference Room 101A (Technical Area 66, Bldg. 1).

Prepared By: A. E. Bradford  
A. E. Bradford, Audit Team Leader

Date: April 26, 2001

Approved By: Lea Chism  
for Samuel A. Vega, CBFO Quality Assurance Manager

Date: 05/04/01