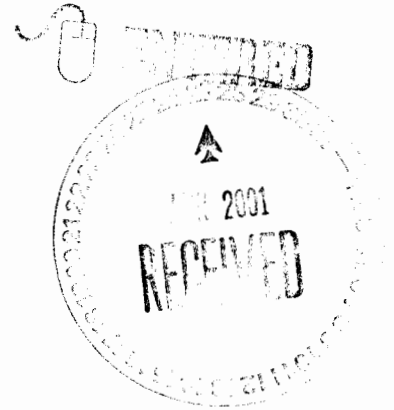




**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221

April 24, 2001



Mr. Steve Zappe, Project Leader  
Hazardous Waste Bureau  
New Mexico Environment Department  
2044 - A Galisteo  
Santa Fe, New Mexico 87502

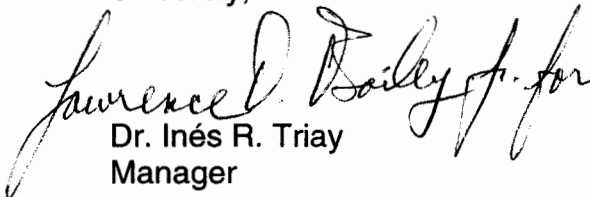
Dear Mr. Zappe:

This letter transmits the audit plan for the Carlsbad Field Office (CBFO) audit A-01-11 to be conducted at the Los Alamos National Laboratory on May 14-17, 2001, as required by the WIPP Hazardous Waste Facility Permit, Section B4-3f. The audit plan also 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 Sam Vega at (505) 234-7423.

Sincerely,

  
Dr. Inés R. Triay  
Manager

Enclosure

CBFO:QA:SAV:MLC:01-0683:UFC:2300

010442



Mr. Steve Zappe

-2-

April 24, 2001

cc: w/enclosure

K. Watson, CBFO

S. Vega, CBFO

J. Vandekraats, CBFO

J. Kieling, NMED

J. Bearzi, NMED

R. Dinwiddie, NMED

G. Lewis, NMED

M. Gerle, WTS

cc: w/o enclosure

J. Lee, 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 14-17, 2001  
Los Alamos, New Mexico

**Audit Team:**

Earl Bradford	Audit Team Leader, CTAC
Steve Calvert	QA Auditor/AK Technical Specialist, CTAC
Pete Rodriguez	QA Auditor, CTAC
Wayne Ledford	QA Auditor/VE Technical Specialist, CTAC
Dee Scott	QA Auditor, CTAC
Dorothy Gill	GGTP Technical Specialist, CTAC
Jim Schuetz	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. In addition, the audit team will evaluate the LANL Gas Generation Test Program (GGTP).

### 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  
Gas Generation Test Program

**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 Gas Generation Testing Program, Quality Assurance Project Plan, TWCP-PLAN-0.2.3-002

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:**

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 Conference Room 105-C in Bldg. 27, Technical Area 35. This room will also serve as the main assembly area for the audit team throughout the week. On-site interviews may be conducted in the RAMROD Conference Room 15 (Technical Area 50, Bldg.37).

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 6, 2001

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

Date: 4/10/01