



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221
 July 9, 2002

ENTERED

JUL 2002

Mr. Steve Zappe, Project Leader
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Bldg. 1
 Santa Fe, New Mexico 87505

Dear Mr. Zappe:

This letter transmits the audit plan for the Carlsbad Field Office (CBFO) Audit A-02-30 to be conducted at the Los Alamos National Laboratory (LANL) on August 26-30, 2002, 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.

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

Sincerely,

Lawrence D. Bailey
 Dr. Ines R. Triay
 Manager

Enclosure

cc w/enclosure:
 P. Roush, WTS
 C. Walker, Techlaw
 CBFO QA Record File
 CBFO M&RC

cc w/o enclosure:
 T. Harms, DOE-HQ *ED
 K. Watson, CBFO *ED
 A. Holland, CBFO *ED
 J. Bearzi, NMED *ED
 J. Kieling, NMED *ED
 W. Ledford, CTAC *ED
 J. Lee, WTS *ED
 L. Steven, WTS *ED



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: CBFO A-02-30

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: August 26 to 30, 2002
Los Alamos, New Mexico

Audit Team:

Wayne Ledford	Audit Team Leader, CTAC
Steve Calvert	Auditor, CTAC
Lea Chism	Management Representative, CBFO
Amy Arceo	Auditor, CTAC
Annabelle Axinn	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Tommy Putnam	Auditor, CTAC
Steve Davis	Auditor, CTAC
Norman Frank	Auditor, CTAC
Dee Scott	Auditor, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Dorothy Gill	Technical Specialist, CTAC
Karen Gaydosh	Technical Specialist, CTAC
Patrick Kelly	Technical Specialist, CTAC
Joe Willis	Technical Specialist, WTS
Todd Selmer	Technical Specialist, WTS

Audit Scope: The audit will evaluate the continued adequacy, implementation, and effectiveness of the technical activities and associated quality assurance program requirements related to the LANL TRU waste characterization and certification programs for debris wastes. Compliance with the WIPP Hazardous Waste Permit Waste Analysis Plan, nondestructive assay (NDA) processes, and the LANL transportation program will also be evaluated. The audit team will also evaluate the results of previous audits, changes in programs or operations, new programs or activities being implemented, and changes in key personnel.

Activities to be Audited:

The following LANL quality assurance elements will be evaluated:

- Organization/QA Program Implementation
- Personnel Qualification and Training
- QA Grading
- Documents and Records
- Procurement
- Control of Measuring and Test Equipment
- Control of Nonconforming Items
- Corrective Action
- Audits/Assessments
- Software Requirements

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

- Nondestructive Assay (NDA) – TGS, P-TGS, CTEN, HENC, PC/RANT/FRAM
- Headspace Gas Sampling and Analysis
- Real Time Radiography (RTR)
- Visual Examination
- Generation Level Data Verification & Validation
- Project Level Data Verification & Validation
- Acceptable Knowledge
- Waste Stream Profile Forms
- WIPP Waste Information System (WWIS)

The following LANL Transportation technical elements will be evaluated:

- Inspection of Packaging
- Payload Certification
- Preparation and Loading
- Shipping
- Packaging Maintenance

Governing Documents/Requirements:

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

CBFO Quality Assurance Program Document, CAO-94-1012

Contact Handled Waste Acceptance Criteria for the Waste Isolation Pilot Plant,
DOE/WIPP-02-3122

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

TRUPACT-II Certification of Compliance, NRC 71-9281

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

Related LANL technical and quality assurance implementing procedures

Schedule of Audit Activities:

A preaudit conference is scheduled for 3:00 p.m. Monday, August 26, 2002, in the designated area at LANL.

A postaudit conference is scheduled for Friday, August 30, 2002, at 11:00 a.m. in the designated area at LANL.

Prepared By: Wayne Ledford
Wayne Ledford, Audit Team Leader

Date: 7/2/02

Approved By: Ava L. Holland
Ava L. Holland,
Quality Assurance Manager

Date: 7/8/02