



United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: September 25, 2001

REPLY TO
ATTN OF: CBFO:QA:TJR:VW:01-1453:UFC:2300

SUBJECT: Recertification Audit (A-02-04) of Los Alamos National Laboratory (LANL) Waste Characterization Activities

TO: James Nunz, LAAO



Please be advised that a team of auditors from the Carlsbad Field Office (CBFO) will conduct an audit at LANL on October 22 – 26, 2001. The audit will be conducted in accordance with the attached audit plan. Representatives from the New Mexico Environmental Department (NMED), the U.S. Environmental Protection Agency (EPA), the Environmental Evaluation Group (EEG), and other interested parties may be present during this audit.

Your representatives are requested to coordinate with the audit team to develop the necessary documentation for team access to LANL facilities, arrange for appropriate space to conduct meetings, provide cognizant personnel to support the audit, and provide the audit team with access to appropriate documentation and records.

If you have any questions or comments concerning the audit, please contact me at (505) 234-7311.

/s/ signature on file
Thomas J. Reese
Acting Quality Assurance Manager

Attachment



James Nunz

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cc: w/attachment

T. Harms, DOE-HQ *ED

K. Watson, CBFO *ED

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*ED denotes electronically distributed

CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: CBFO A-02-04

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: October 22 to October 26, 2001
Los Alamos, New Mexico

Audit Team:

Wayne Ledford	Audit Team Leader, CTAC
Steve Calvert	Auditor, CTAC
Amy Arceo	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Charlie Riggs	Auditor, CTAC
Steve Davis	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Dee Scott	Auditor, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Dorothy Gill	Technical Specialist, CTAC
Karen Gaydosh	Technical Specialist, CTAC
Ken Coop	Technical Specialist, CTAC
Joe Willis	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, HENC, IPAN, PC/RANT/FRAM
- Headspace Gas Sampling and Analysis
- Real Time Radioscopy (RTR)
- Visual Examination
- Generation Level Data Verification & Validation
- Project Level Data Verification & Validation
- Acceptable Knowledge
- Waste Analysis Plan
- 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
- Gas Generation Test Program Activities

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

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

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, October 22, 2001, in the designated area at LANL.

A postaudit conference is scheduled for Friday, October 26, 2001, at 11:00 a.m. in the designated area at LANL.

Prepared By: signature on file
Wayne Ledford, Audit Team Leader

Date: _____

Approved By: signature on file
Thomas J. Reese,
Acting CBFO Quality Assurance Manager

Date: _____