October 9, 2000

To: CAO:QA:SAV 00-0849

Subject: Audit (A-00-13) of Los Alamos National Laboratory (LANL) TRU Waste Characterization and Certification Programs

Please be advised that a team of auditors from the Carlsbad Area Office (CAO) will conduct an audit at the Los Alamos National Laboratory (LANL) in Los Alamos, New Mexico on August 28 to September 1, 2000. The audit will be conducted in accordance with the enclosed audit plan. Observers from the Environmental Protection Agency and the New Mexico Environmental Evaluation Group (EEG) will participate in the audit. Other interested parties may also accompany the audit team.

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) 234-7423.

Samuel A. Vega
Quality Assurance Manager

Attachment
CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: CAO A-00-13

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 28 to September 1, 2000
Los Alamos, New Mexico

Audit Team: Sam Vega Quality Assurance Manager, CAO
John Ptacek Audit Team Leader, CTAC
Norm Frank Auditor, CTAC
Wayne Ledford Auditor, CTAC
Amy Arceo Auditor, CTAC
Steve Calvert Auditor, CTAC
Jeff May Auditor, CTAC
Jim Bresson Technical Specialist, CTAC
Dorothy Gill Technical Specialist, CTAC
Randy Fitzgerald Technical Specialist, CTAC
Tom Ward Technical Specialist, WID

Audit Scope: The audit will evaluate the continued adequacy, implementation, and effectiveness of the LANL TRU waste characterization program quality assurance activities, nondestructive assay NDA processes, and the LANL transportation program.

Activities to be Audited:

The following CAO 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
Sample Control
Software Requirements

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

Nondestructive Assay (NDA) - TGS
Nondestructive Assay (NDA) - HENC
Nondestructive Assay (NDA) - IPAN
Nondestructive Assay (NDA) - PC/RANT/FRAM

The following CAO 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:

- CAO 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 1:00 p.m. Monday, August 28, 2000, in the CST-DO Conference Room (Technical Area 48, Bldg. RC-29, Room 118).

Auditing activities will commence at 1:30 p.m. Monday, August 28, 2000.

An audit team caucus will be held at 5:00 p.m. Monday and at 4:00 p.m. Tuesday through Thursday in Conference Rooms 1 and 2 at 528 35th Street, Los Alamos. 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 (Technical Area 50, Bldg. 37).

If requested, a separate caucus room can be made available from 4:00 to 6:00 p.m. Monday through Thursday for regulatory personnel caucus requirements.

The audit team will meet with appropriate LANL management at 9:00 a.m. Tuesday through Friday on the 2nd floor conference area of the RAMROD facility building, LANL Technical Area 50.

A postaudit conference is scheduled for Friday, September 1, 2000, at 1:00 p.m. in the MSL Auditorium (Technical Area 3, Bldg. 1698, Room A-103).

Prepared By: John W. Placek, Audit Team Leader

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

Date: 8/8/00

Date: 8/9/00