

memorandum

DATE: August 9, 2000

REPLY TO:
ATTN OF: CAO:QA:SAV 00-0849

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

TO: James Nunz, LAAO

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

000820



cc: w/attachment
K. Watson, CAO
B. Stroud, CAO
M. Brown, CAO
L. Chism, CAO
P. Rogers, LANL
M. Gavett, LANL
M. Eagle, EPA
S. Monroe, EPA
S. Zappe, NMED
B. Walker, EEG
J. Ptacek, CTAC
J. Stroble, WID
D. Winter, DNFSB
T. Bowden, CTAC



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).

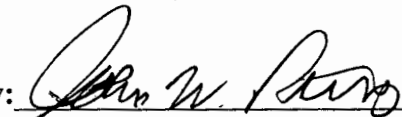
Auditing activities will commence at 1:30 p.m. Monday, August 28, 2000.

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)

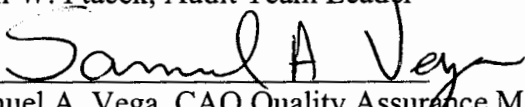
If requested, a separate caucus room can be made available from 4:00 to 6:00 p.m. Monday through Thursday for regulatory personnel caucus requirements.

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. Ptacek, Audit Team Leader

Date: 8/8/00

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

Date: 8/9/00