

United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: April 12, 2001

REPLY TO
ATTN OF: CBFO:QA:SAV:MLC:01-0684:UFC:2300


SUBJECT: Audit (A-01-11) of Los Alamos National Laboratory (LANL) TRU Waste
Characterization Activities

TO: James Nunn, LAAO

Please be advised that a team of auditors from the Carlsbad Field Office (CBFO) will conduct an audit at LANL on May 14-17, 2001. The audit will be conducted in accordance with the attached audit plan. Representatives from the US Environmental Protection Agency (EPA), the New Mexico Environmental Department (NMED), and the Environmental Evaluation Group (EEG) may be present or participate in 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, you may contact me at (505) 234-7423.



Samuel A. Vega
Quality Assurance Manager

Attachment



April 12, 2001

cc: w/attachment
L. Chism, CBFO
M. Eagle, EPA
T. Harms, DOE-HQ
S. Monroe, EPA
S. Zappe, NMED
B. Walker, EEG
K. Watson, CBFO
D. Winters, DNFSB
S. Zappe, NMED
M. Gerle, WTS Operating Record
T. Bowden, CTAC
E. Bradford, CTAC



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