

United States Government


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 Department of Energy

Memorandum

 Carlsbad Area Office
 Carlsbad, New Mexico 88221


DATE: June 9, 1999

REPLY TO
ATTN OF: CAO:QA:MAI 99-0850:UFC 2300.00

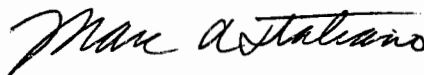
SUBJECT: Revised Schedule for Audit (A-99-04) of Los Alamos National Laboratory (LANL) TRU Waste Characterization and Certification Programs

to: Christopher P. Murnane, 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 during the periods June 14 through 18, and June 28 through July 1, 1999. The main scope of the audit will be completed as originally scheduled during the week of June 14, 1999. As requested by the LANL TWCP staff, the evaluation of certain activities (coring and sampling of homogeneous solids and analysis of VOCs and SVOCs) has been delayed until the week of June 28, 1999. The audit will be conducted in accordance with the enclosed audit plan. Inspectors from the Environmental Protection Agency will participate in the audit. Other interested parties may also accompany the audit team as Observers.

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 Sam Vega, Certification Manager, at (505) 234-7423, or me at (505) 234-7484.



Marc A. Italiano
 Quality Assurance Manager

Attachment

cc: w/attachment
 G. Basabilvazo, CAO
 K. Hunter, CAO
 S. Vega, 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

990607



CARLSBAD AREA OFFICE AUDIT PLAN

(REV. 1) mat 6/8/99

Audit Number: A-99-04

Organization: Los Alamos National Laboratory (LANL)

Date and June 14 to 18, 1999 and June 29 to July 1, 1999

Location: Los Alamos, New Mexico

Audit Team:

Sam Vega	CAO Certification Manager
John Ptacek	Audit Team Leader/CTAC
Chet Wright	Auditor/CTAC
Norman Frank	Auditor/CTAC
Earl Bradford	Auditor/CTAC
Dee Scott	Auditor/CTAC
B.J. Verret	Technical Specialist/CTAC
Al Williams	Technical Specialist/CTAC
Jim Bresson	Technical Specialist/CTAC
Trey Greenwood	Technical Specialist/CTAC
John Gran	Technical Specialist/WID

Audit Scope: The audit will evaluate the adequacy, implementation, and effectiveness of those technical and quality assurance activities related to LANL Transuranic Waste Characterization and Certification that have been added since the CAO recertification audit conducted in September 1998. Activities to be evaluated during the week of June 14, 1999 include the use of three non-destructive assay systems (the High Efficiency Neutron Counter and two Tomographic Gamma Scanner instruments), documentation of acceptable knowledge, analysis of RCRA metals, packaging of newly generated debris waste in TA-55, and a review of the LANL radiography, visual examination, and WWIS data entry activities. Evaluation of sampling, coring, and VOC/SVOC analyses of homogeneous solids and any necessary follow-up activities will be conducted during the June 29 to July 1, 1999 visit.

Activities/Tasks to be Audited:

The following CAO Quality Assurance Program Document (QAPD) elements will be evaluated:

- Organization and Interfaces
- Sample Control
- Data Documentation, Control, and Validation

Software Requirements

The following CAO Quality Assurance Program Plan (QAPP) technical elements will be evaluated:

- Nondestructive Assay - High Efficiency Neutron Counter (HENC)
- Nondestructive Assay - Tomographic Gamma Scanner (TGS)
- Sampling Process Design
- Sample Handling and Custody Requirements
- Sampling of Homogeneous Solids
- Total Volatile Organic Compound Analysis
- Total Semi-Volatile Organic Compound Analysis
- Total Metal Analysis
- Packaging of Newly Generated Waste
- Data Validation, Usability, and Reporting

Governing Documents/Requirements:

Adequacy evaluations of LANL TWCP documents will be based on the current revisions of the following documents:

CAO QAPD, CAO-94-1012

Transuranic Waste Characterization QAPP,
CAO-94-1010, Revision 0 with Interim Change Notice

Transuranic Waste Characterization Sampling and Analysis Methods Manual,
DOE/WIPP-91-043, Revision 1.0

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

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, TWCP PLAN-0.2.4-001

Related LANL technical and quality assurance implementing procedures

Schedule of Audit Activities:

A preaudit conference is scheduled for Monday, June 14, at 8:00 a.m. in the CST Division Office Conference Room (TA-48, Building RC-29, Room 118).

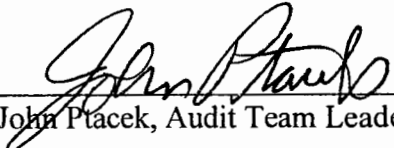
Daily audit team caucuses will be held at 4:00 p.m. on June 14, 15, 16, and 17, 1999 in the CST Division Office Conference Room (TA-48, Building RC-29, Room 118), and on June 28, 29 and 30, 1999 in the RAMROD Conference Room (TA-50, Building 268).

The audit team will meet with the appropriate LANL management at 8:30 a.m. each day (June 15, 16, 17, and 18, 1999) in the CST Division Office Conference Room (TA-48, Building RC-29, Room 118), and in the RAMROD Conference Room (TA-50, Building 268) on June 29, 30 and July 1, 1999.

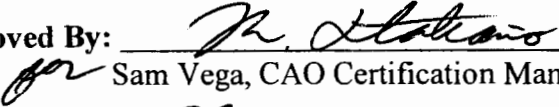
An interim briefing of audit results is scheduled for Friday, June 18, at 2:00 p.m. in the CST Division Office Conference Room (TA-48, Building RC-29, Room 118).

A re-introductory audit briefing is scheduled for Monday, June 28, 1999, at 1:00 p.m. in the RAMROD Conference Room (TA-50, Building 268).

A final postaudit conference is scheduled for Thursday, July 1, at 10:00 a.m. in the RAMROD Conference Room (TA-50, Building 268).

Prepared By: 
John Ptacek, Audit Team Leader

Date: 6/8/99

Approved By: 
Sam Vega, CAO Certification Manager

Date: 6/8/99

Approved By: 
Marc Italiano, CAO QA Manager

Date: 6/8/99