

United States Government

Department of Energy


memorandum

Carlsbad Area Office
Carlsbad, New Mexico 88221**DATE:** December 15, 1999**REPLY TO
ATTN OF:** CAO:QA:SAV 99-1501 UFC 2300**SUBJECT:** Audit (A-00-05) of the Hanford TRU Waste Characterization, Certification, and Transportation Programs.**TO:** Mark French, RL

Please be advised that a team of auditors from the Carlsbad Area Office (CAO) will conduct an audit at the Hanford Site January 17-21, 2000. The audit will be conducted in accordance with the attached audit plan. Observers from the Environmental Protection Agency (EPA) and 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 Hanford 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.

for 
Samuel A. Vega
Quality Assurance Manager

Attachment



Mark French

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December 15, 1999

cc w/original attachment:

L. Chism, CAO

cc w/attachment:

B. Bennington, CAO

B. Stroud, CAO

D. Winter, DNFSB

B. Walker, EEG

M. Eagle, EPA

S. Monroe, EPA

✓ S. Zappe, NMED

P. Crane, WMH

J. Maupin, WMH

T. Bowden, CTAC

S. Calvert, CTAC

S. Kouba, WID

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DEC 1999
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CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: A-00-05

**Organization
to be Audited:** Hanford Site

**Organizations
to be Notified:** Hanford Site
New Mexico Environment Department
Environmental Protection Agency
Environmental Evaluation Group
Defense Nuclear Facilities Safety Board

**Date and
Location:** January 17-21, 2000
Richland, Washington

Audit Team:	Steve Calvert	Audit Team Leader/CTAC
	Lea Chism	Auditor/CAO
	John Ptacek	Auditor/CTAC
	Chet Wright	Auditor/CTAC
	Dave Kimbro	Auditor/CTAC
	Mario Chavez	Auditor/CTAC
	Pete Rodriguez	Auditor/CTAC
	Dee Scott	Auditor/CTAC
	Kerry Watson	Technical Specialist/CTAC
	Karen Gaydosh	Technical Specialist/CTAC
	BJ Verret	Technical Specialist/CTAC
	Ken Coop	Technical Specialist/CTAC
	Al Williams	Technical Specialist/CTAC
	Tom Ward	Technical Specialist/WID

Audit Scope: The audit will evaluate the adequacy, implementation, and effectiveness of the applicable technical and quality assurance activities related to Hanford Transuranic Waste Characterization, Certification, and Transportation Programs.

Activities/Tasks 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 technical elements will be evaluated:

Sample Design
Headspace Gas Sampling
Nondestructive Assay (NDA)
Real Time Radioscopy (RTR)
Visual Examination
Gas Analysis
Data Verification & Validation
Acceptable Knowledge
Waste Analysis Plan

The following CAO Transportation technical elements will be evaluated:

Inspection of Packaging
Payload Certification
Preparation and Loading
Shipping
Packaging Maintenance

The following CAO Certification technical elements will be evaluated:

Waste Stream Profile Forms
WIPP Waste Information System (WWIS)

Governing Documents/Requirements:

Adequacy evaluations of Hanford TWCP documents will be based on the following documents:

CAO Quality Assurance Program Document (QAPD), CAO-94-1012, Revision 3

Waste Analysis Plan (WAP), Attachment B6, of the RCRA Part B Permit

Waste Acceptance Criteria (WAC) for the Waste Isolation Pilot Plant,
DOE/WIPP-069, Revision 7

Safety Analysis Report for TRUPACT-II Shipping Package, Appendix 1.3.7, Revision 17, TRAMPAC, Revision 17, and the TRUPACT-II Certification of Compliance, NRC 71-9281, Revision 9

Programmatic and technical checklists will be developed from the active revision of the following documents:

Hanford Quality Assurance Project Plan (QAPjP) for the Transuranic Waste Certification Program, Revision 2

Hanford Site Transuranic Waste Certification Plan (includes TRAMPAC), HNF-2600, Revision 2

Related Hanford technical and quality assurance implementing procedures

Schedule of Audit Activities:

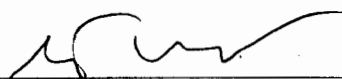
A pre-audit conference is scheduled for Monday, January 17, at 8:30 a.m. in a Hanford 200 Area conference room.

Audit team caucuses will be held at 4:30 p.m. Monday through Thursday in a Hanford 200 Area conference room.

The audit team will meet with the appropriate Hanford management at 8:30 a.m. Tuesday, Wednesday, and Thursday in the 2704-HV conference room.

A post-audit conference is scheduled for Friday, January 21, at 9:00 a.m. in the 2420 Stevens Building conference room.

Prepared By:

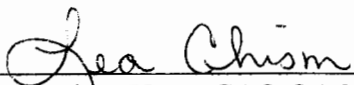


Steven D. Calvert, Audit Team Leader

Date:

12/14/99

Approved By:



for Samuel A. Vega, CAO QA Manager

Date:

12/15/99