



Department of Energy

Carlsbad Area Office
P. O. Box 3090
Carlsbad, New Mexico 88221

December 22, 1999



Mr. John Kieling, Hazardous Waste Permits Program Manager
Hazardous & Radioactive Materials Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, New Mexico 87502-6110

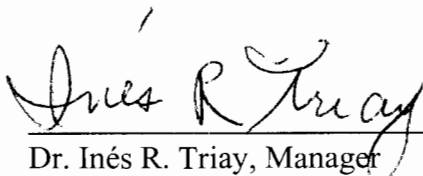
Dear Mr. Kieling:

This letter transmits the audit plan for the CAO audit to be conducted at the Hanford Site on January 24 – 28, 2000, as required by the WIPP Hazardous Waste Facility Permit, Section B4-3f. The audit plan also identifies the audit team members as required by Section B6-3 of the Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Please contact the CAO Quality Assurance Manager, Sam Vega, at (505) 234-7423 should you have any questions concerning this notification.

Sincerely,



Dr. Inés R. Triay, Manager
Carlsbad Area Office



FOR
Joe Epstein, Manager
Westinghouse Waste Isolation Division

Enclosure



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Mr. John Kieling

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December 22, 1999

cc:

I. Triay, CAO

B. Bennington, CAO

L. Chism, CAO

C. Holman, CAO

M. Italiano, CAO

B. Stroud, CAO

S. Vega, CAO

J. Bearzi, NMED

G. Lewis, NMED

J. Epstein, WID

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 24-28, 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

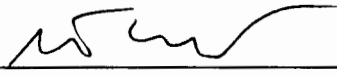
Schedule of Audit Activities:

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

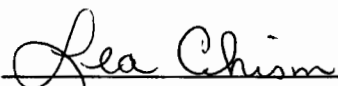
Audit team caucuses will be held at 4:30 p.m. Monday through Thursday in a Hanford 200 Area conference room.

The audit team will meet with the appropriate Hanford management at 8:30 a.m. Tuesday, Wednesday, and Thursday in a Hanford 200 Area 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: 12/16/99

Approved By: 
for Samuel A. Vega, CAO QA Manager

Date: 12/16/99