



Department of Energy

Carlsbad Area Office
P. O. Box 3090
Carlsbad, New Mexico 88221
July 18, 2000

Mr. John Kieling, Hazardous Waste Permits Program Manager
Hazardous & Radioactive Materials Bureau
New Mexico Environment Department
2044 Galisteo
Santa Fe, New Mexico 87505

Dear Mr. Kieling:

This letter transmits the audit plan for the CAO audit to be conducted at the Rocky Flats Environmental Technology Site on September 18-22, 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 Mr. Sam Vega, the CAO Quality Assurance Manager, at (505) 234-7423 should you have any questions concerning this notification.

Sincerely,

A handwritten signature in cursive script that reads "Inés R. Triay".

Dr. Inés R. Triay
Manager

Enclosure



Mr. Kieling

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July 18, 2000

cc w/enclosure:

S. Vega, CAO

L. Chism, CAO

K. Watson, CAO

J. Plum, CAO

G. Lewis, NMED

J. Bearzi, NMED

S. Zappe, NMED

B. Kehrman, WID

W. Most, WID (Operating Record)

cc w/o enclosure:

L. Steven, WID

CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: CAO A-00-12

Organization to Be Audited: Rocky Flats Environmental Technology Site (RFETS)

Organizations to Be Notified: Rocky Flats Environmental Technology Site
New Mexico Environment Department
Environmental Protection Agency
Environmental Evaluation Group
Defense Nuclear Facilities Safety Board

Date and Location: September 18-22, 2000
Golden, Colorado

Audit Team:

Sam Vega	Quality Assurance Manager, CAO
Charlie Riggs	Audit Team Leader, CTAC
Jack Walsh	Auditor, CTAC
Steve Calvert	Auditor, CTAC
Wayne Ledford	Auditor, CTAC
Steve Davis	Auditor, CTAC
Dee Scott	Auditor, CTAC
Earl Bradford	Auditor, CTAC
Mario Chavez	Auditor, CTAC
Jeff May	Auditor, CTAC
BJ Verrett	Technical Specialist, CTAC
Mark Doherty	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Karen Day	Technical Specialist, CTAC
Trey Greenwood	Technical Specialist, CTAC
Ken Coop	Technical Specialist, CTAC
Jim Bresson	Technical Specialist, CTAC
Dorothy Gill	Technical Specialist, CTAC
Tom Ward	Technical Specialist, WID

Audit Scope: The audit will evaluate the adequacy, implementation, and effectiveness of RFETS TRU Waste activities as they relate to the WIPP Hazardous Waste Facility Permit for homogenous solid waste. Four new nondestructive assay (NDA) systems will be evaluated and transportation and selected supporting quality assurance elements will also be reviewed.

Governing Documents/Requirements:

Adequacy evaluations of new and revised RFETS 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, Revision 18, TRAMPAC, Revision 18, and the TRUPACT-II Certification of Compliance, NRC 71-9281, Revision 11

Activities to be Audited:

The following technical activities will be evaluated:

- Gas Generation System
- Gas Generation Mobile System
- Acceptable Knowledge
- Headspace Gas Sampling and Analysis
- NDA-Can/Drum Skid TGS (371 Building)
- NDA-Can TGS (2 in 371 Building)
- NDA-Neutron Multiplicity Counters (707 Building)
- NDA-Canberra SGS Drum Counter (664 Building)
- Laboratory-Total Metals
- Laboratory-TCLP Metals
- Laboratory-VOC
- Laboratory-SVOC
- Residues-Ash Visual and Sampling
- Residues-Dry Visual
- Residues-Salt Visual and Sampling (371 and 707 Buildings)
- Residues-Wet Visual
- Residues-'F-Test'
- Misc.-Use of Electronic Signatures for WSRIC database, travelers, etc.
- Misc.-Drum Tracking System
- Misc.-Mobile Headspace Gas Sampling (991 Building)
- Misc.-Headspace Gas Sampling (440 Building)
- Misc.-Box and Go
- Data Generation Level Verification and Validation
- Project Level Verification and Validation

The following CAO Transportation (TRAMPAC) technical activities will be evaluated:

Inspection of Packaging
Visual Examination
Preparation and Loading
Leak Check
Shipping (Process and the WEMS Shipping Module)
Package Maintenance
Documentation and Records
Payload and Drum Certification
TRANSCOM

The following quality assurance activities applicable to the technical areas being audited will be evaluated:

Organization
Grading
Control of Nonconforming Items
Personnel Qualification and Training
Documents and Records
Software
Measuring and Test Equipment

Schedule of Audit Activities:

A pre-audit conference is scheduled for Monday, September 18, 2000, at 9:30 a.m.

An audit team caucus will be held at 4:45 p.m. Tuesday through Thursday.

The audit team will meet with appropriate RFETS management at 8:30 a.m. Wednesday through Friday.

A post-audit conference is scheduled for Friday September 22, 2000, at 4:00 p.m. All meetings will take place at the designated RFETS location in Golden, Colorado.

Prepared By: Charles L. Riggs
Charles L. Riggs, Audit Team Leader

Date: 7/18/00

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

Date: 7/19/00