



Department of Energy

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

October 2, 2000

ENTERED



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

Subject: Transmittal of Audit Plan and Notification of Assigned Auditors for the Savannah River Site Audit

Dear Mr. Kieling:

The purpose of this letter is to transmit the audit plan for the CAO audit to be conducted at the Savannah River Site November 7-16, 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,

Chuan-Fu Wu for
Dr. Inés R. Triay
Manager

9/27/00

Attachment



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John Kieling

-2-

cc:

G. Lewis, NMED

J. Bearzi, NMED

S. Zappe, NMED

B. Stroud, CAO

K. Watson, CAO

S. Vega, CAO

J. Plum, CAO

L. Chism, CAO

C. Zvonar, CAO

J. Epstein, WID

J. VandeKraats, CAO

I. Triay, CAO

J. May, CTAC

W. Most, WID

CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: A-01-01
Organization: Savannah River Site (SRS)
Date: November 7-16, 2000
Location: Aiken, South Carolina

Audit Team:

Sam Vega	QA Manager, CAO
Jeff May	Audit Team Leader, CTAC
Lea Chism	Auditor, CAO
Steve Calvert	Auditor, CTAC
Wayne Ledford	Auditor, CTAC
Steve Davis	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Amy Arceo	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Norm Frank	Auditor, CTAC
Dee Scott	Auditor, CTAC
Randy Fitzgerald	Technical Specialist, CTAC
Dave Camp	Technical Specialist, CTAC
Alan Williams	Technical Specialist, CTAC
William Verrett	Technical Specialist, CTAC
Trey Greenwood	Technical Specialist, CTAC
Sheila Lott	Technical Specialist, CTAC
Tom Ward	Technical Specialist, WID

Audit Scope: The audit will evaluate the adequacy, implementation, and effectiveness of technical and quality assurance activities related to SRS Transuranic Waste Characterization, Certification, and Transportation Programs for retrievably stored debris waste.

Activities to be Audited:

The following quality assurance elements will be evaluated for implementation, and effectiveness in accordance with the CAO Quality Assurance Program Document (QAPD):

- Organization
- QA Program Implementation
- Personnel Qualification and Training
- Quality Improvement
- Documents & Records

- Work Processes
- Procurement
- Inspection and Testing
- Grading Program
- Audits/Assessments
- Sample Control
- Software Quality Assurance

The following CAO technical characterization elements will be evaluated for implementation and effectiveness in accordance with the Waste Analysis Plan (WAP) and Waste Acceptance Criteria (WAC).

- Data Validation & Verification (Project Office and Generation Level)
- Acceptable Knowledge
- Nondestructive Assay (NDA-SGS and PAN)
- Real Time Radiography (RTR)
- Visual Examination (VE)
- Head Space Gas, Gas VOCs, Hydrogen Analysis & Sample Control
- Performance Demonstration Program (PDP)
- Transportation
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste information System (WWIS)
- Waste Analysis Plan (WAP), Section B6

The following transportation technical elements will be evaluated for implementation and effectiveness in accordance with the CAO TRUPACT-II Authorized Methods for Payload Control (TRAMPAC):

Inspection of Packaging
Visual Inspection
TRUPACT-II Preparation and Loading
TRUPACT-II Leak Check
Shipping Preparation
Package Maintenance
Documentation and Records
Payload and Drum Certification
Transportation Tracking and Communications (TRANSCOM)

Governing Documents/Requirements:

The overall program adequacy of SRS specific documents will be based on the following documents:

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

Hazardous Waste Facility Permit Waste Isolation Pilot Plant EPA No. NM4890139088-TSDF by the New Mexico Environment Department, dated October 27, 1999, including all applicable modifications

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

Safety Analysis Report for TRUPACT-II Shipping Package, Appendix 1.3.7,
TRAMPAC and the TRUPACT-II Certification of Compliance, NRC 71-9218,
Current Revision

Checklists will be developed from the active revision of the following documents:

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

WSRC-RP-99-01095, R0, Dated August 3, 2000 "Savannah River Site WIPP
Disposal Program Waste Certification Plan"

WSRC-RP-99-01097, R1, Dated September 5, 2000 "Savannah River Site WIPP
Disposal Program Quality Assurance Project Plan"

WSRC-RP-99-01120, R0, Dated August 3, 2000 "Savannah River Site WIPP
Disposal Program TRUPACT II Authorized Methods for Payload Control"

Related SRS technical implementing procedures

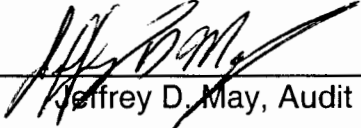
Schedule of Audit Activities:

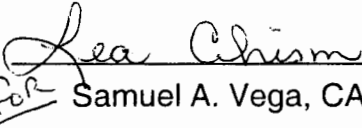
A pre-audit conference is scheduled for Tuesday, November 7, at 9:00 a.m. in
Bldg. 766H, Room 1003 at SRS.

An audit team caucus will be held at 4:30 p.m. Tuesday through Friday (11/7 –
11/10) and Monday through Wednesday (11/13 – 11/15), in Bldg. 766H Room
1040 at SRS.

The audit team will meet with appropriate SRS management at 8:30 a.m.
Wednesday, Thursday, and Friday (11/8 – 11/10) and Monday, Tuesday,
Wednesday, and Thursday (11/13 – 11/16) in Building 724-7E at SRS.

A post-audit conference is scheduled for Thursday, November 16, 2000, at 3:00
p.m. in Bldg. 766H, Room 1003 at SRS.

Approved By:  Date: 9/19/00
Jeffrey D. May, Audit Team Leader

Approved By:  Date: 9/18/00
Samuel A. Vega, CAO QA Manager