

United States Government

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Carlsbad Area Office

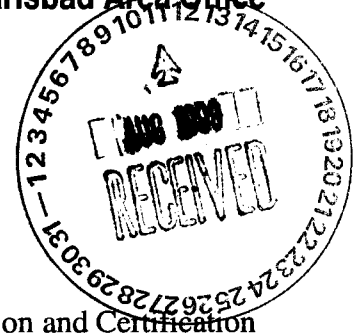
# memorandum

DATE: August 5, 1999

REPLY TO:  
ATTN OF: CAO:QA:SAV:99-1100 UFC 2300.00

SUBJECT: Audit (A-99-24) of the Savannah River Site TRU Waste Characterization and Certification Programs.


TO: Dale Ormand, SR



Please be advised that a team of auditors from the Carlsbad Area Office (CAO) will conduct an audit at the Savannah River Site in Aiken, South Carolina, August 23-27, 1999. The audit will be conducted in accordance with the enclosed audit plan. Observers from the Environmental Protection Agency 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 SRS 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 Beth Bennington, Waste Certification Manager, at (505) 234-7482 or me at (505) 234 -7423.

  
Samuel A. Vega  
Quality Assurance Manager

Attachments



cc: w/attachment  
L. Chism, CAO  
B. Bennington, CAO  
J. D'Amelio, SRS  
M. Mason, SRS  
M. Eagle, EPA  
S. Monroe, EPA  
S. Zappe, NMED  
B. Walker, EEG  
J. Stroble, WID  
D. Winter, DNFSB  
T. Bowden, CTAC



## CARLSBAD AREA OFFICE AUDIT PLAN

**Audit Number:** A-99-24  
**Organization:** Savannah River Site (SRS)  
**Date:** August 23 - 27, 1999  
**Location:** Aiken, South Carolina

### **Audit Team:**

Sam Vega	Audit Team Leader-QA Manager, CAO
Beth Bennington	Waste Certification Manager, CAO
Jeff May	Lead Auditor, CTAC
Jack Walsh	Auditor, CTAC
Steve Hans	Auditor, CTAC
Steve Davis	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Chet Wright	Auditor, CTAC
Sid Ailes	Auditor, CTAC
Kerry Watson	Technical Specialist, CTAC
Karen Gaydosh	Technical Specialist, CTAC
Dave Camp	Technical Specialist, CTAC
Alan Williams	Technical Specialist, CTAC
William Verrett	Technical Specialist, CTAC
Pat Moynihan	Technical Specialist (trainee), CTAC

**Audit Scope:** The audit will evaluate the adequacy, implementation, and effectiveness of the applicable technical and quality assurance activities related to SRS TRU Waste Characterization and Certification.

### **Activities to be audited:**

The following CAO quality assurance (QAPD) elements will be evaluated:

- Organization
- QA Program Implementation
- Personnel Qualification and Training
- Quality Improvement
- Documents & Records
- Work Processes
- Procurement
- Inspection and Testing
- Grading Program
- Audits/Assessments
- Software Quality Assurance

The following CAO Characterization (QAPP) technical elements will be evaluated:

- Data Validation
- Acceptable Knowledge
- Nondestructive Assay (NDA)
- Real Time radiography (RTR)
- Head Space Gas, Gas VOCs, Hydrogen/Methane Analysis & Sample Control
- Performance Demonstration Program (PDP)
- Container Selection/Preparation/Weighing
- Waste Analysis Plan (WAP)

The following CAO Certification (WAC) technical elements will be evaluated:

- Waste Certification
- WIPP Waste information System (WWIS)

**Governing Documents/Requirements:**

Adequacy evaluations of SRS-specific documents will be based on the following documents:

Quality Assurance Program Document (QAPD), CAO-94-1012, Rev 2, Dated September 1998

Transuranic Waste Characterization Quality Assurance Program Plan (QAPP), CAO-94-1010, Rev 0, Interim Changes dated February 1996 and November 1996

Hazardous Waste Facility Draft Permit Waste Isolation Pilot Plant EPA No. NM4890139088 by the New Mexico Environment Department November 13, 1998

Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC), DOE/WIPP-069, Revision 5

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

Savannah River Site WIPP Disposal Program Plan, WSRC-RP-97-0769, Revision 1

Related SRS technical and quality assurance implementing procedures.

**Schedule of Audit Activities:**

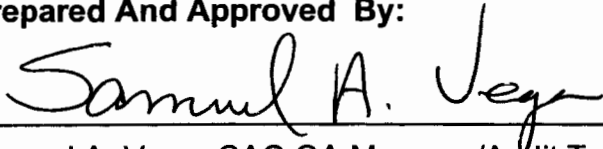
A pre audit conference is scheduled for Monday, August 23, at 9:00 a.m. at Bldg. 766H, Room 1003 at the SRS Site.

An audit team caucus will be held at 4:30 p.m., Monday through Thursday, at Bldg. 766H Room 1047 at the SRS Site.

The audit team will meet with appropriate SRS management at 8:30 a.m. Tuesday, Wednesday, Thursday, and Friday at Trailer 724-35E at the SRS Site.

A post audit conference is scheduled for Friday, August 27, 1999, at 3:00 p.m. at Bldg. 766H Room 1003 at the SRS Site.

**Prepared And Approved By:**



Samuel A. Vega, CAO QA Manager/Audit Team Leader

**Date:**

