



United States Government

Department of Energy

# memorandum

Carlsbad Field Office  
Carlsbad, New Mexico 88221

DATE: July 26, 2001

REPLY TO  
ATTN OF: CBFO:QA:MLC:VW:01-1191:UFC:2300


SUBJECT: Audit (A-01-09) of Westinghouse TRU Solutions LLC (WTS) Central Characterization Project (CCP) TRU Waste Characterization Activities

TO: John Lee, WTS General Manager

Please be advised that a team of auditors from the Carlsbad Field Office (CBFO) will conduct an audit of the WTS CCP at the Savannah River Site (SRS) on September 10-14, 2001. The audit will be conducted in accordance with the attached audit plan. Representatives from the US Environmental Protection Agency (EPA), the New Mexico Environment Department (NMED), and the Environmental Evaluation Group (EEG) may be present or participate in this audit.

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 me at (505) 234-7423.

  
for Samuel A. Vega  
Quality Assurance Manager

Attachment



John Lee

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cc: w/attachment  
T. Harms, DOE-HQ  
K. Watson, CBFO  
L. Chism, CBFO  
M. Eagle, EPA  
S. Monroe, EPA  
S. Zappe, NMED  
B. Walker, EEG  
D. Winters, DNFSB  
M. Gerle, WTS Operating Record  
E. Bradford, CTAC  
T. Bowden, CTAC



## CARLSBAD FIELD OFFICE AUDIT PLAN

**Audit Number:** A-01-09

**Organization to Be Audited:** Westinghouse TRU Solutions (WTS), Central Characterization Project (CCP)

**Organizations to be notified:** Westinghouse TRU Solutions (WTS)  
Westinghouse Savannah River Company (WSRC)  
New Mexico Environment Department (NMED)  
Environmental Protection Agency (EPA)  
Environmental Evaluation Group (EEG)  
Defense Nuclear Facilities Safety Board (DNFSB)

**Date and Location:** September 10-14, 2001  
Aiken, South Carolina

**Audit Team:**

Lea Chism	CBFO Representative
Marlin Horseman	Audit and Assessment Manager, CTAC
Earl Bradford	Audit Team Leader, CTAC
Steve Calvert	Auditor, CTAC
Steve Davis	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Charley Riggs	Auditor, CTAC
Chet Wright	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Jack Walsh	Auditor, CTAC
Karen Gaydosh	RTR & VE Technical Specialist, CTAC
Patrick Kelley	NDA Technical Specialist, CTAC
Dorothy Gill	HSG Technical Specialist, CTAC
Dick Blauvelt	AK Technical Specialist, CTAC

### Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of technical and quality assurance activities related to the CCP Transuranic Waste Characterization and Certification Project for retrievably stored debris waste.

### Activities/Tasks to be Audited:

The following quality assurance elements will be evaluated:

- Organization
- QA Program

- 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 CBFO characterization technical elements will be evaluated:

- Data Validation & Verification
- Acceptable Knowledge
- Nondestructive Assay (NDA-IPAN/GEA)
- Real Time Radiography (RTR)
- Visual Examination (VE)
- Head Space Gas Sampling and Analysis
- Sample Design
- Performance Demonstration Program (PDP)
- Waste Certification (e.g., Waste Stream Profile Form)

The following CBFO certification technical elements will be evaluated:

- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste information System (WWIS)

#### **Governing Documents/Requirements:**

The overall program adequacy of WTS CCP 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

Programmatic and technical Checklists will be developed from the active revisions of the following documents:

CCP Transuranic Waste Quality Assurance Characterization Project Plan (QAPjP), CCP-PO-001

CCP Transuranic Waste Certification Plan, CCP-PO-002

CCP/SRS Interface Document, CCP-PO-004

Related WTS CCP Quality Assurance and technical implementing procedures

Related WTS Quality Assurance implementing procedures

Related Westinghouse Savannah River (SRS) Quality Assurance and technical implementing procedures being utilized in support of CCP characterization activities

**Schedule of Audit Activities:**

A pre-audit conference will be held Monday, September 10, 2001 at 8:30 am in Aiken, South Carolina at the SRS (Location to be determined).

Audit team caucus meetings will be held at 4:30 p.m. Monday through Thursday. (Location to be determined)

Daily management briefings will be held at 8:00 a.m. with the appropriate CCP management Tuesday through Friday.

A post-audit conference is scheduled for Friday, September 14, 2001 at 4:00 p.m. (Location to be determined)

Prepared by: Earl Bradford  
Earl Bradford, CTAC  
Audit Team Leader

Date: July 25, 2001

Concurrence: for Sam Vega  
Sam Vega, CAO  
Quality Assurance Manager

Date: 07-26-01