Mr. Steve Zappe, Project Leader  
Hazardous Materials Bureau  
New Mexico Environment Department  
2905 E. Rodeo Park Drive, Bldg. 1  
Santa Fe, New Mexico 87505  

Dear Mr. Zappe:  

This letter transmits the audit plan for the CBFO audit A-01-09 of the Westinghouse TRU Solutions (WTS) Central Characterization Project (CCP) to be conducted at the Savannah River Site on August 13-17, 2001, 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.  

If you have any questions concerning this notification, please contact Sam Vega at (505) 234-7423.  

Sincerely,  

[Signature]  
Dr. Inés R. Triay  
Manager  

Enclosure
Mr. Steve Zappe

cc: w/enclosure
J. Kieling, NMED
J. Bearzi, NMED
R. Dinwiddie, NMED
G. Lewis, NMED
K. Watson, CBFO
S. Vega, CBFO
L. Chism, CBFO
J. Vandekraats, CBFO
M. Gerle, WIPP Operating Record

July 10, 2001
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: August 13-17, 2001  
                   Aiken, South Carolina

Audit Team: Sam Vega  CBFO QA Manager  
              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  
              Amy Arceo  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)
• WIPP Waste information System (WWIS)
• Waste Analysis Plan (WAP), Section B6

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, August 13, 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, August 17, 2001 at 4:00 p.m. (Location to be determined)

Prepared by:  
Earl Bradford, CTAC  
Audit Team Leader  
Date: 7/10/01

Concurrence:  
Sam Vega, CBFO  
Quality Assurance Manager  
Date: 7/10/01