



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221  
August 12, 2002

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

Dear Mr. Zappe:

This letter transmits the audit plan for the Carlsbad Field Office audit A-02-15 of the Bechtel Nevada, Nevada Test Site, TRU Waste Characterization Activities utilizing the services of the Westinghouse TRU Solutions Central Characterization Project. The audit has been scheduled for the week of September 23-27, 2002. The audit will take place at the Nevada Test Site near Las Vegas, Nevada.

Please contact Ava L. Holland, Quality Assurance Manager, at (505) 234-7423 should you have any questions concerning this notification.

Sincerely,

Dr. Ines R. Triay  
Manager

Enclosure

cc w/enclosure:

K. Watson, CBFO \*ED  
C. Wu, CBFO \*ED  
A Holland, CBFO \*ED  
J. Bearzi, NMED \*ED  
S. Holmes, NMED \*ED  
J. Kieling, NMED \*ED  
G. Lewis, NMED \*ED  
A Harvey, ANL-E \*ED  
R. Lahoud, NTS \*ED  
F. Sharif, WTS \*ED  
P. Roush, WTS  
CBFO QA Record File  
CBFO M&RC



## CARLSBAD FIELD OFFICE AUDIT PLAN

**Audit Number:** A-02-15

**Organization to be Audited:** Nevada Test Site (NTS), Bechtel Nevada, Westinghouse TRU Solutions, Central Characterization Project (CCP) Services

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

**Date and Location:** September 23-27, 2002  
Nevada Test Site

**Audit Team:**

Earl Bradford	Team Leader
Jack Walsh	Auditor, CTAC
Steve Davis	Auditor, CTAC
Annabelle Axinn	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Chet Wright	Auditor, CTAC
Tom Putnam	Auditor, CTAC
Dick Blauvelt	AK Technical Specialist, CTAC
Patrick Kelly	NDA Technical Specialist, CTAC
Dorothy Gill	HSG Technical Specialist, CTAC
Karen Gaydosh	RTR & VE Technical Specialist, CTAC

### Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the CCP technical and quality assurance activities contracted by Bechtel Nevada for characterization and certification of retrievably stored debris waste at the Nevada Test Site (NTS).

### Governing Documents/Requirements:

The overall program adequacy and effectiveness of NTS/CCP documents will be based on the current revisions of the following documents:

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

*Hazardous Waste Facility Permit, Waste Isolation Pilot Plant EPA No. NM4890139088-TSDF by the New Mexico Environment Department*

*Contact – Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC), DOE/WIPP-02-3122*

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/NTS Interface Document, CCP-PO-009*

Contract between Bechtel Nevada and WTS  
(Statement of Work)

Related CCP Quality Assurance and technical implementing procedures

Related NTS Quality Assurance implementing procedures

**Activities to be Audited:**

The following CBFO quality assurance elements will be evaluated:

- Organization and Quality Assurance Program (Program Interfaces and Statement of Work)
- Non-conformances and Corrective Action
- Personnel Qualification and Training
- Documents & Records
- Work Processes
- Procurement
- Inspection and Testing (Control of M&TE)
- Audits/Assessments
- Software QA

The following CBFO Characterization technical elements will be evaluated:

- Data Validation & Verification
- Acceptable Knowledge (AK)
- Nondestructive Assay (SGS System)

- Real Time Radiography (RTR#5 System)
- Visual Examination (VE)
- Headspace Gas Sampling and Analysis
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)
- Performance Demonstration Program (PDP)
- Waste Analysis Plan (WAP), Section B6

**Schedule of Audit Activities:**

A pre-audit conference is scheduled for Monday, September 23, 2002, at 4:00 p.m.

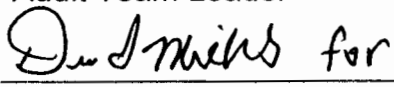
An audit team caucus will be held at 4:45 p.m. Tuesday through Thursday.

The audit team will meet with appropriate NTS CCP management at 8:30 a.m. Tuesday through Thursday.

A post-audit conference is scheduled for Friday, September 27, 2002, at 4:00 p.m. All meetings will take place at the designated NTS locations.

Prepared by:   
Earl Bradford, CTAC  
Audit Team Leader

Date: 8/5/02

Approved by:   
Ava L. Holland,  
Quality Assurance Manager

Date: 8-7-02