

United States Government

Department of Energy

memorandumCarlsbad Field Office
Carlsbad, New Mexico 88221

DATE: August 12, 2002

**REPLY TO
ATTN OF:** CBFO:QA:DSM:GS:02-1248:UFC 2300.00

SUBJECT: Audit A-02-15 of the Bechtel Nevada, Nevada Test Site, TRU Waste Characterization Activities Utilizing the Subcontracted Services of the Westinghouse TRU Solutions, Central Characterization Project

TO: Angela P. Colarusso, Nevada Test Site

Please be advised that a team of auditors from the Carlsbad Field Office will conduct an audit of the Bechtel Nevada, TRU waste characterization program utilizing the services of the Central Characterization Project at the Nevada Test Site (NTS) the week of September 23-27, 2002. The audit will be conducted in accordance with the attached audit plan. Representatives from the US Environmental Protection Agency, the New Mexico Environmental Department, and the Environmental Evaluation Group 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 the NTS facilities, arrange for appropriate space to conduct meetings, provide cognizant personnel to support the audit, and provide the audit team with the access to the appropriate documentation and records.

If you have any questions or comments concerning the evaluation, please contact me at (505) 234-7491.

Dennis S. Miehls //signature on file//
Dennis S. Miehls
Quality Assurance Specialist



Attachment

cc w/attachment:

A. Holland, CBFO	*ED
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CBFO QA Record File	
CBFO M&RC	

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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: Wayne Ledford for //signature on file//
Earl Bradford, CTAC
Audit Team Leader

Date: 8/5/02

Approved by: Dennis S. Miehs for //signature on file//
Ava L. Holland,
Quality Assurance Manager

Date: 8-7-02