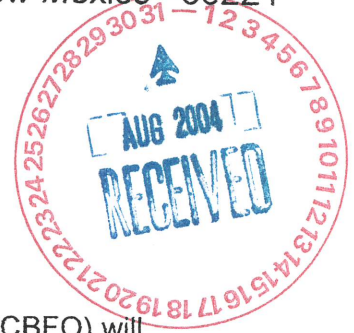




United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: August 31, 2004

REPLY TO
ATTN OF: CBFO:QA:DSM:GS:04-1807:UFC 2300.00

SUBJECT: Audit A-05-02 of the Bechtel Nevada, Nevada Test Site

TO: Angela P. Colarusso, DOE-NSO

Please be advised that an audit team from the Carlsbad Field Office (CBFO) will conduct an audit of the Bechtel Nevada, TRU waste characterization program utilizing the services of the Central Characterization Project (CCP) at the Nevada Test Site (NTS) on October 5-8, 2004. The audit will be conducted in accordance with the attached audit plan. Representatives from the New Mexico Environmental Department (NMED) may be present to observe the surveillance. The US Environmental Protection Agency (EPA) may perform an independent inspection.

Your representatives are requested to coordinate with the surveillance team to provide the team access to the NTS/CCP facilities, as well as, provide the appropriate space to conduct surveillance team with 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. Miehl
Quality Assurance Specialist

Attachment



Angela P. Colarusso

-2-

August 31, 2004

cc: w/attachment
A. Holland, CBFO *ED
K. Watson, CBFO *ED
J. Norton, NSO *ED
S. Warren, WTS *ED
D. Haar, WTS *ED
T. Hedahl, WTS *ED
L. Griswald, WTS *ED
A.J. Fisher, WTS *ED
M. Eagle, EPA *ED
E. Feltcorn, EPA *ED
R. Joglekar, EPA *ED
J. Bearzi, NMED *ED
S. Zappe, NMED *ED
S. Holmes, NMED *ED
C. Riggs, CTAC *ED
S. Harrison, CTAC *ED
L. Green, WRES *ED
CBFO QA File
CBFO M&RC
WIPP Operating Record, MS 486-06

CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-05-02

Organization to be Audited: Nevada Test Site (NTS)

Organizations to be notified: Bechtel Nevada (BN)
Washington TRU Solutions (WTS)
Nevada Test Site
New Mexico Environment Department (NMED)
Environmental Protection Agency (EPA)
Defense Nuclear Facilities Safety Board (DNFSB)

Date and Location: October 5-8, 2004
Nevada Test Site, Las Vegas, Nevada

Audit Team:

Charlie Riggs	Audit Team Leader
Steve Calvert	Auditor, CTAC
Prissy Dugger	Auditor, CTAC
Annabelle Axinn	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Tammy Bowden	Auditor, CTAC
Jimmy Wilburn	Auditor, CTAC
Dee Scott	Auditor, CTAC
Dick Blauvelt	AK Technical Specialist, CTAC
Patrick Kelly	NDA Technical Specialist, CTAC
BJ Verret	HSG Technical Specialist, CTAC
Wayne Ledford	RTR/VE Technical Specialist, CTAC QA Manager
Todd Sellmer	Transportation Specialist, WTS
Joe Willis	Transportation Specialist, WTS

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of NTS transuranic (TRU) waste activities as they relate to the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (HWFP) for retrievably stored debris waste. Additional technical, quality assurance and transportation elements will also be evaluated. These activities include those performed by BN or for BN by the WTS Central Characterization Project (CCP). The specific items to be audited are listed below under 'Activities to be Audited.'

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), DOE/CBFO-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

TRUPACT-II Safety Analysis Report; TRUPACT-II Authorized Methods for Payload Control (TRAMPAC); and the TRUPACT-II Certification of Compliance, NRC 71-9281

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 TRUPACT-II Authorized Methods for Payload Control (TRAMPAC), CCP-PO-003

CCP/NTS Interface Document, CCP-PO-009

Contract between Bechtel Nevada and WTS (Statement of Work)

Related CCP Quality Assurance and technical implementing procedures

Activities to be Audited:

The following general areas from section B6-3 of the HWFP:

- Results of previous audits
- Changes in programs or operations
- New programs or activities being implemented
- Changes in key personnel

The following CBFO quality assurance elements will be evaluated:

- Organization and Quality Assurance Program (Program Interfaces and Statement of Work)
- Nonconformances and Corrective Action
- Personnel Qualification and Training
- Documents & Records
- Procurement
- Inspection and Testing (Control of M&TE)
- Assessments
- Software QA
- Grading
- Sample Control

The following CBFO Characterization technical elements will be evaluated:

- Data Generation Level and Project Level Validation & Verification
- Payload, Type B Packaging, and Transportation
- 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

Prepared by: Charlie Riggs

Date: 08/26/04

Charlie Riggs, CTAC
Audit Team Leader

Approved by: Ava L. Holland

Date: 8/30/04

Ava L. Holland, CBFO
Quality Assurance Manager