



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221

October 29, 2008



Mr. Steve Zappe, Project Leader
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

Subject: Transmittal of the Audit Plan and Notification of Assigned Auditors for Certification Audit A-09-05

Dear Mr. Zappe:

Enclosed is the audit plan for Carlsbad Field Office (CBFO) Certification Audit A-09-05 of the General Electric Vallecitos Nuclear Center (GEVNC) Transuranic waste characterization activities utilizing the subcontracted services of the Washington TRU Solutions (WTS) Central Characterization Project (CCP). The audit will be conducted at GEVNC in Vallecitos, CA, December 2 – 4, 2008, 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.

Should you have any questions concerning this notification, please contact Mr. Dennis S. Miehl, Acting Quality Assurance Manager, at (575) 234-7491.

Sincerely,

David C. Moody
 Manager

Attachment

- cc: w/attachment
- A. Holland, CBFO *ED
- D. Miehl, CBFO ED
- M. Navarrete, CBFO ED
- D. Gadbury, CBFO ED
- J. Stroble, CBFO ED
- C. Fesmire, CBFO ED
- S. Holmes, NMED ED
- A. Pangle, CTAC ED
- B. Pace, CTAC ED
- WIPP Operating Record, MS: 452-09
- CBFO QA File



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-09-05

**Organization to
be Audited:**

General Electric Vallecitos Nuclear Center (GEVNC), Washington TRU
Solutions LLC (WTS) Central Characterization Project (CCP)

**Organizations to
be Notified:**

GEVNC
WTS/CCP
Environmental Protection Agency (EPA)
New Mexico Environment Department (NMED)
Defense Nuclear Facilities Safety Board (DNFSB)

**Date and
Location:**

December 2 - 4, 2008
Vallecitos, California

Audit Team:

Dennis S. Miehls	Audit Team Management Representative Carlsbad Field Office (CBFO)
Berry D. Pace	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Steve Calvert	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Priscilla Martinez	Auditor, CTAC
Earl Bradford	Auditor, CTAC
Wayne Ledford	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Kirk Kirkes	Technical Specialist, CTAC
Mavis Lin	Technical Specialist, CTAC
James Oliver	Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of CCP programs for controlling quality assurance (QA) and technical activities performed at GEVNC. This audit encompasses the activities related to the characterization and certification of remote-handled (RH) Summary Category Group (SCG) S5000 debris waste consisting of a single waste stream designated as GEVNC.01.

Governing Documents/Requirements

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

- DOE/CBFO-94-1012, *Quality Assurance Program Document (QAPD)*
- Hazardous Waste Facility Permit Waste Isolation Pilot Plant EPA No. NM4890139088-TSDF, the New Mexico Environment Department
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC)*
- DOE/WIPP-02-3214, *Remote-Handled Transuranic Waste Characterization Program Implementation Plan (WCPIP)*

Programmatic and technical checklists will be developed from the current revisions of the following documents:

- CCP-PO-001, *CCP Transuranic Waste Quality Assurance Characterization Project Plan (QAPjP)*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-502, *CCP/GEVNC Interface Document*
- Related CCP QA and technical implementing procedures

Activities to be Audited:

Quality Elements

- Nonconformances
- Personnel Qualification and Training
- Records

Technical

- Acceptable Knowledge
- Generation and Project-Level Data Validation and Verification
- Visual Examination
- Dose to Curie
- Performance Demonstration Program
- Headspace Gas Sampling
- Waste Certification (e.g., Waste Stream Profile Form)

Schedule of Audit Activities:

A pre-audit conference is scheduled for Tuesday, December 2, 2008, at 8:00 a.m.

Audit team caucus meetings will be conducted daily at 4:30 p.m., December 2 – 4, 2008.

Management briefing meetings will be conducted Wednesday and Thursday, December 3 and 4, 2008, at 8:00 a.m.

A post-audit conference is scheduled for Thursday, December 4, 2008, at 4:00 p.m.

All meetings will take place at the designated GEVNC locations.

Prepared by: *Berisella Y. Mantz* ^{Zor}
Berry Pace, CTAC
Audit Team Leader

Date: 10-24-08

Concurrence: *D. J. Miehl*
Dennis Miehl, CBFO
Acting Quality Assurance Manager

Date: 10-27-08

Process and Equipment to be Audited During Audit A-09-05 of the CCP/GEVNC

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
NEW PROCESSES OR EQUIPMENT				
This audit will evaluate Remote-Handled (RH) S5000 debris waste				
N/A	Acceptable Knowledge Procedure – CCP-TP-002 & CCP-TP-005	Debris (S5000)	NO	NO
17RHVE2	Visual Examination Procedure – CCP-TP-500	Debris (S5000)	NO	NO
17DTC1	Radiological Characterization (DTC) Procedure – CCP-TP-504	Debris (S5000)	NA	NO
17HSG2	Headspace Gas Sampling Procedure – CCP-TP-093	Debris (S5000)	NO	NA
N/A	Data Generation and Project Level Validation & Verification (V&V) Procedure – CCP-TP-001	Debris (S5000)	NO	NO
N/A	WIPP Waste Information System (WWIS) Procedure – CCP-TP-530 & CCP-TP-507	Debris (S5000)	NO	NO
N/A	Quality Assurance	N/A	NO	NO