DATE: October 29, 2008
REPLY TO: CBFO:QA:DSM:LC:08-1511:UFC 2300:00
ATTN OF: 
SUBJECT: Notification of Certification Audit A-09-05, General Electric Vallecitos Nuclear Center

TO: John Lee, DOE-OAK

An audit team from the Department of Energy Carlsbad Field Office will conduct Audit A-09-05 of the General Electric Vallecitos Nuclear Center (GEVNC) utilizing the subcontracted services of the Washington TRU Solutions Central Characterization Project (CCP) for the characterization of remote-handled Transuranic waste.

The audit will be conducted December 2-4, 2008, at GEVNC in Vallecitos, CA, in accordance with the attached audit plan. Representatives from the Environmental Protection Agency and the New Mexico Environment Department may be present to observe the audit.

You are requested to coordinate with the audit team and provide access to the GEVNC/CCP facilities, appropriate space to conduct meetings, cognizant personnel to support the audit, and access to the appropriate documentation and records.

If you have any questions or comments concerning this audit, please contact me at (575) 234-7491.

[Signature]

Dennis S. Miehls
Acting Quality Assurance Manager

Attachment
cc: w/attachment
M. Navarrete, CBFO
D. Gadbury, CBFO
J. Stroble, CBFO
C. Fesmire, CBFO
B. Lillge, GE
D. Haar, WTS/CCP
D. Ploetz, WTS/CCP
V. Cannon, WTS/CCP
A. Fisher, WTS/CCP
M. Walker, WTS/CCP
S. Zappe, NMED
S. Holmes, NMED
T. Kesterson, DOE OB WIPP NMED
D. Winters, DNFSB
P. Gilbert, LANL-CO
G. Lyshik, LANL-CO
A. Pangle, CTAC
B. Pace, CTAC
WIPP Operating Record, MS: 452-09
CBFO QA File
CBFO M&RC
*ED denotes electronic distribution
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
Porfi 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: [Signature]  Date: 10.24.08
Berry Pace, CTAC
Audit Team Leader

Concurrence: [Signature]  Date: 10.27.08
Dennis Miehls, CBFO
Acting Quality Assurance Manager
### Process and Equipment to be Audited During Audit A-09-05 of the CCP/GEVNC

<table>
<thead>
<tr>
<th>WIPP #</th>
<th>Process/Equipment Description</th>
<th>Applicable to the Following Waste Streams/Groups of Waste Streams</th>
<th>Currently Approved by NMED</th>
<th>Currently Approved by EPA</th>
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<tbody>
<tr>
<td>N/A</td>
<td>Acceptable Knowledge Procedure – CCP-TP-002 &amp; CCP-TP-005</td>
<td>Debris (S5000)</td>
<td>NO</td>
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<td>17RHVE2</td>
<td>Visual Examination Procedure – CCP-TP-500</td>
<td>Debris (S5000)</td>
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<td>17DTC1</td>
<td>Radiological Characterization (DTC) Procedure – CCP-TP-504</td>
<td>Debris (S5000)</td>
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<td>17HSG2</td>
<td>Headspace Gas Sampling Procedure – CCP-TP-093</td>
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<td>N/A</td>
<td>Data Generation and Project Level Validation &amp; Verification (V&amp;V) Procedure – CCP-TP-001</td>
<td>Debris (S5000)</td>
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<td>N/A</td>
<td>WIPP Waste Information System (WWIS) Procedure – CCP-TP-530 &amp; CCP-TP-507</td>
<td>Debris (S5000)</td>
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<td>N/A</td>
<td>Quality Assurance</td>
<td>N/A</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

**NEW PROCESSES OR EQUIPMENT**

This audit will evaluate Remote-Handled (RH) S5000 debris waste.