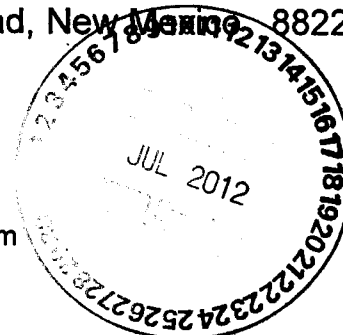




United States Government

Department of Energy

# memorandum

 Carlsbad Field Office  
 Carlsbad, New Mexico 88221


DATE: JUL 12 2012

REPLY TO  
ATTN OF: CBFO:OQA:CF:CC:12-1452:UFC 2300.00

SUBJECT: Closeout Audit A-12-15 of the SNL-CCP RH Characterization Program

TO: Jim Todd, DOE-Albuquerque

Please be advised that a team of auditors and technical specialists from the Carlsbad Field Office (CBFO) will conduct a closeout audit of the remote-handled (RH) transuranic waste characterization activities for the Sandia National Laboratories Central Characterization Project (SNL-CCP). The audit will be conducted in accordance with the attached audit plan at the Skeen-Whitlock Building in Carlsbad, New Mexico, August 14-16, 2012. Representatives from the CBFO and the New Mexico Environment Department may be present to observe the audit process.

If you have any questions, please contact me at (575) 234-7548.

Courtland G. Fesmire, P.E.  
Quality Assurance Engineer

## Attachment

cc: w/attachment

R. Unger, CBFO	*ED	R. Joglekar, EPA	ED
J.R. Stroble, CBFO	ED	J. Kieling, NMED	ED
T. Morgan, CBFO	ED	T. Kliphuis, NMED	ED
N. Castaneda, CBFO	ED	S. Holmes, NMED	ED
D. Miehl, CBFO	ED	R. Maestas, NMED	ED
M. Pinzel, CBFO	ED	T. Kesterson, NMED/DOE OB	ED
D. Ploetz, WTS/CCP	ED	J. Marple, NMED/DOE OB	ED
M. Sensibaugh, WTS/CCP	ED	D. Winters, DNFSB	ED
V. Cannon, WTS/CCP	ED	P. Gilbert, LANL-CO	ED
I. Quintana, WTS/CCP	ED	G. Lyshik, LANL-CO	ED
A. J. Fisher, WTS/CCP	ED	P. Gomez, CTAC	ED
M. Walker, WTS/CCP	ED	G. White, CTAC	ED
Y. Salmon, WTS/CCP	ED	M. Mager, CTAC	ED
J. Carter, WTS/CCP	ED	WIPP Operating Record	ED
M. Spoerner, SNL	ED	CBFO QA File	
T. Peake, EPA	ED	CBFO M&RC	
M. Eagle, EPA	ED	*ED denotes electronic distribution	
E. Feltcorn, EPA	ED		

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## CARLSBAD FIELD OFFICE AUDIT PLAN

**Audit Number:** A-12-15

**Organization to be Audited:** Sandia National Laboratories/Central Characterization Project

**Organizations to be Notified:** U.S. Department of Energy – Albuquerque, NM  
New Mexico Environment Department (NMED)  
Defense Nuclear Facilities Safety Board (DNFSB)  
Washington TRU Solutions, LLC (WTS)

**Date and Location:** August 14 – 16, 2012  
Carlsbad, New Mexico

**Audit Team:**

Courtland G. Fesmire	Audit Team Management Representative, Carlsbad Field Office (CBFO)
Paul C. Gomez	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Jim Oliver	Technical Specialist, CTAC
Rhett Bradford	Technical Specialist, CTAC
B. J. Verret	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Tammy Bowden	Auditor, CTAC
Cindi Castillo	Auditor, CTAC
Porf Martinez	Auditor, CTAC

### Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of Central Characterization Project (CCP) programs controlling quality assurance (QA) and technical activities performed at Sandia National Laboratories (SNL). This audit encompasses the closeout of activities related to the characterization and certification of remote-handled transuranic Summary Category Group S5000 debris waste consisting of a single waste stream designated as SNL-HCF-S5400-RH. This closeout audit includes evaluation and transference of the characterization process records completed since CBFO Certification Audit A-11-23 for visual examination, headspace gas sampling, and dose-to-curie activities, including all technical and QA records generated since April 21, 2011. The audit team will evaluate completed batch data reports through all phases of data validation and verification, the completion of Acceptable Knowledge Summary Sheets, transportation documentation, and the Waste Isolation Pilot Plant (WIPP) Waste Information System/Waste Data System (WWIS/WDS). The last waste shipments from SNL were received at the WIPP on May 2, 2012.

**Activities to be Audited:**

**Quality Elements**

- Nonconformances
- Personnel Qualification and Training
- Records

**Technical Elements**

- Acceptable Knowledge
- Data Validation and Verification
- Visual Examination
- Dose-to-Curie
- Headspace Gas Sampling
- Transportation Activities
- Waste Certification (e.g., Waste Stream Profile Form)
- WWIS/WDS

**Governing Documents/Requirements**

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

- DOE/CBFO-94-1012, *CBFO 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 Characterization Quality Assurance Project Plan (QAPjP)*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control (CCP RH-TRAMPAC)*
- CCP-PO-510, *CCP/SNL Interface Document*
- Related CCP QA and technical implementing procedures

**Schedule of Audit Activities:**

A pre-audit conference is scheduled for Tuesday, August 14, 2012, at 8:00 a.m.

Audit team caucus meetings will be conducted Tuesday and Wednesday, August 14 and 15, 2012, at 3:00 p.m. and Thursday, August 16, at 2:00 p.m.

Management briefing meetings will be conducted Wednesday and Thursday, August 15 and 16, 2012, at 8:30 a.m., if needed.

A post-audit conference is scheduled for Thursday, August 16, 2012, at 3:00 p.m.

All meetings will take place at the CBFO Office of Quality Assurance conference room in the Skeen-Whitlock Building, Carlsbad, NM.

Prepared by: \_\_\_\_\_

  
Paul C. Gomez, CTAS  
Audit Team Leader

Date: 7/5/2012

Concurrence by: \_\_\_\_\_

  
Randy Unger, CBFO  
Director, Office of Quality Assurance

Date: 11 July 12