

United States Government



memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: FEB 27 2012

REPLY TO
ATTN OF: CBFO:OQA:RU:CC:12-1336:UFC 2300.00

SUBJECT: Audit Plan for Recertification Audit A-12-08 of the Oak Ridge National Laboratory Central Characterization Project

TO: William (Bill) McMillan

Please be advised that an audit team from the Carlsbad Field Office (CBFO) will conduct Hazardous Waste Facility Permit Attachment C6 Audit A-12-08 of the Oak Ridge National Laboratory and the contracted services of the Washington TRU Solutions Central Characterization Project for the recertification of contact-handled and remote-handled transuranic waste characterization activities. The audit is scheduled to take place March 27 – 29, 2012. The audit will be conducted at the Skeen-Whitlock Building in Carlsbad, New Mexico, in accordance with the attached audit plan. Representatives from the New Mexico Environment Department may be present to observe the audit.

Your representatives are requested to coordinate with the audit team to provide the team cognizant personnel to support the audit, as well as access to the appropriate documentation and records.

If you have any questions, please contact me at (575) 234-7065.

A handwritten signature in black ink that reads "R. Unger".

Randy Unger, Director
Office of Quality Assurance

Attachment



William (Bill) McMillan

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FEB 27 2012

cc: w/attachment
C. Fesmire, CBFO *ED
J. R. Stroble, CBFO ED
N. Castaneda, CBFO ED
R. Farrell, CBFO ED
T. Morgan, CBFO ED
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D. Winters, DNFSB ED
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P. Martinez, CTAC ED
M. Mager, CTAC ED
WIPP Operating Record ED
CBFO QA File
CBFO M&RC

*ED denotes electronic distribution

**CARLSBAD FIELD OFFICE
REVISED AUDIT PLAN**

Audit Number: A-12-08

Organization to be Audited: Oak Ridge National Laboratory (ORNL), Washington TRU Solutions, LLC (WTS) Central Characterization Project (CCP)

Organizations to be Notified: ORNL
WTS
New Mexico Environment Department (NMED)
Defense Nuclear Facilities Safety Board (DNFSB)
U.S. Environmental Protection Agency (EPA)

Date and Location: March 27 – 29, 2012
Carlsbad, New Mexico

Audit Team: Porf Martinez Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)

Prissy Martinez Auditor, CTAC
Rick Castillo Auditor, CTAC
Greg Knox Auditor, CTAC
Katie Martin Auditor, CTAC
Cindi Castillo Auditor, CTAC
Dick Blauvelt Technical Specialist, CTAC
B. J. Verret Technical Specialist, CTAC
James Oliver Technical Specialist, CTAC
Rhett Bradford Technical Specialist, CTAC
Paul Gomez Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the ORNL/CCP technical and quality assurance (QA) activities performed at ORNL for characterization and certification of contact-handled (CH) Summary Category Group (SCG) S4000 soils waste and S5000 debris waste, and remote-handled (RH) SCG S5000 debris waste. The audit will evaluate documentation in support of transuranic (TRU) waste activities performed from the date of the previous recertification audit (A-11-08) through the end of July, 2011.

ORNL/CCP has not characterized any waste after July, 2011, and no TRU waste characterization activities will be performed or evaluated at the ORNL during the audit. CCP operations at the ORNL have been discontinued. When ORNL/CCP field activities resume at ORNL, an audit will be performed to evaluate waste characterization activities before ORNL/CCP is authorized to certify containers using data generated after July, 2011.

The audit will be performed in the Skeen-Whitlock Building in Carlsbad, New Mexico.

See the attached "Process and Equipment to be Reviewed During Audit A-12-08 of ORNL/CCP" for additional details.

Governing Documents/Requirements

Evaluation of the overall program adequacy and effectiveness of ORNL/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 (HWFP)*, Waste Isolation Pilot Plant, EPA No. NM4890139088-TSDF, the New Mexico Environment Department
- *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC)*, DOE/WIPP-02-3122
- *Remote-Handled Transuranic Waste Characterization Program Implementation Plan (WCPIP)*, DOE/WIPP-02-3214

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

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

Activities to be Audited:

General

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

Quality Assurance

The following general areas from section C6-1 of the HWFP:

- Nonconformances
- Personnel Qualification and Training
- Records

Technical Activities

- Generator and Project Level Data Validation & Verification (V&V)
- Acceptable Knowledge (AK)
- Real-time Radiography (RTR)
- Visual Examination (VE)
- Headspace Gas (HSG) Sampling
- Nondestructive Assay (NDA)
- Radiological Characterization (dose to curie [D-T-C])
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)

Schedule of Audit Activities:

A pre-audit conference is scheduled for Tuesday, March 27, 2012, at 8:00 a.m.

Audit team caucus meetings will be held Tuesday, March 27, and Wednesday, March 28, 2012, at 4:00 p.m., and Thursday, March 29, 2012, at 2:00 p.m.

The audit team leader will conduct a management briefing with appropriate ORNL and CCP management Wednesday, March 28, and Thursday, March 29, 2012, at 8:30 a.m.

A post-audit conference is scheduled for Thursday, March 29, 2012, at 4:00 p.m.

All meetings will take place at the designated locations at the Skeen-Whitlock Building in Carlsbad, New Mexico.

Prepared by: 
Port Martinez, CTAC
Audit Team Leader

Date: 2/27/2012

Concurrence: 
Randy Unger, CBFO
Quality Assurance Director

Date: 27 Feb 12