



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
SEP 30 2016

 **ENTERED**



Mr. Val Cannon, Manager
Quality Assurance
Nuclear Waste Partnership LLC
P.O. Box 2078
Carlsbad, NM 88221-2078

Subject: Notification and Plan for Carlsbad Field Office Audit A-17-07 of Oak Ridge National Laboratory/Central Characterization Program Compliance to Waste Acceptance Criteria

Dear Mr. Cannon:

Please be advised that an audit team from the U.S. Department of Energy Carlsbad Field Office (CBFO) will conduct Audit A-17-07 of the Oak Ridge National Laboratory/Central Characterization Program Compliance to Waste Acceptance Criteria. The audit will take place at the Skeen-Whitlock Building in Carlsbad, New Mexico, October 17 – 19, 2016, and will be conducted in accordance with the enclosed audit plan.

You are requested to provide the resources necessary to coordinate with the audit team, provide knowledgeable personnel to support the audit, arrange for appropriate space to conduct meetings, and provide the team with access to appropriate documentation and records.

If you have any questions concerning the audit, please contact me at (575) 234-7483.

Sincerely,

Martin P. Navarrete
Senior Quality Assurance Specialist

Enclosure



Mr. Val Cannon

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SEP 30 2016

cc: w/enclosure

S. Ross, EM-3.113	*ED
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J. Britain, NWP	ED
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R. Reeves, NWP	ED
A.J. Fisher, NWP	ED
I. Joo, NWP	ED
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D. Harvill, CTAC	ED
G. White, CTAC	ED
Site Documents	ED
CBFO QA File	
CBFO M&RC	

*ED denotes electronic distribution

**CARLSBAD FIELD OFFICE
AUDIT PLAN**

Audit Number: A-17-07

Organization to be Audited: Oak Ridge National Laboratory (ORNL), Nuclear Waste Partnership LLC (NWP) Central Characterization Program (CCP)

Organizations to be Notified: ORNL
NWP CCP
New Mexico Environment Department
Defense Nuclear Facilities Safety Board
U.S. Environmental Protection Agency

Date and Location: October 17–19, 2016
Carlsbad, NM

Audit Team:

Martin Navarrete	Management Representative, Carlsbad Field Office (CBFO) Office of Quality Assurance
Rick Castillo	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Bob Prentiss (AK)	Auditor, CTAC
Katie Chester (RTR/NDA)	Auditor, CTAC
Ricardo Chavez (AK)	Auditor-in-Training, CTAC
Dick Blauvelt (AK)	Technical Specialist, CTAC
Rhett Bradford (RTR)	Technical Specialist, CTAC
Jim Vernon (PLV&V)	Technical Specialist, CTAC
Jim Oliver (NDA/DTC)	Technical Specialist, CTAC
Jim Schuetz (WWIS/WDS)	Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate compliance to changes made in DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC)*, Revision 8, as applicable to waste characterization activities being performed at the ORNL for contact-handled (CH) Summary Category Groups (SCGs) S3000 solids, S4000 soils/gravel, and S5000 debris wastes, and remote-handled (RH) SCG S5000 debris wastes. Areas of focus will include the enhanced acceptable knowledge (AK) process; the expansion of WAC Appendix A, incorporating radioassay of both CH and RH transuranic waste and the clarification of minimum detectable activity and lower limit of detection terms; the clarification and strengthening of the requirements and methods for non-destructive assay (NDA) system quality control and documentation added to adjust for the elimination of the requirement for weekly interfering matrix measurements; and radiography training for operators in WAC Appendix F. The Generator Site Technical Review process was previously evaluated during CBFO Surveillance S-16-57.

The audit will be performed at the Skeen-Whitlock Building in Carlsbad, NM.

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, DOE/CBFO-94-1012*
- *Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF*
- *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant, DOE/WIPP-02-3122*
- *Remote-Handled TRU Waste Characterization Program Implementation Plan, 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, CCP-PO-001*
- *CCP Transuranic Waste Certification Plan, CCP-PO-002*
- *Related CCP quality assurance and technical implementing procedures*

Activities to be Audited:

- *Project-level Data Validation and Verification (PL/V&V)*
- *Acceptable Knowledge (AK), including waste certification (i.e., Waste Stream Profile Forms)*
- *Real-time Radiography (RTR)*
- *Nondestructive Assay/Dose-to-Curie (NDA/DTC)*
- *WIPP Waste Information System/Waste Data System (WWIS/WDS)*
- *Personnel Qualification and Training (NDA/RTR)*

Schedule of Audit Activities:

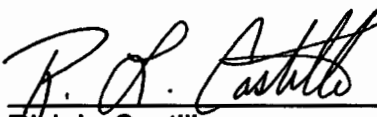
A pre-audit conference is scheduled for Monday, October 17, 2016, at 8:30 a.m.

Audit team caucuses will be held at 3:00 p.m. on Monday and Tuesday, October 17 and 18, and at 1:00 p.m. on Wednesday, October 19, 2016.


If needed, the audit team leader will conduct a management briefing with appropriate ORNL and NWP/CCP management Tuesday, October 18, and Wednesday, October 19, 2016, at 8:30 a.m.

A post-audit conference is scheduled for Wednesday, October 19, 2016, at 2:30 p.m.

All meetings will take place at the Skeen-Whitlock Building in Carlsbad, NM.

Prepared by: 
Rick L. Castillo
CTAC Audit Team Leader

Date: 9/28/16

Concurrence: 
Michael R. Brown, Director
CBFO Office of Quality Assurance

Date: 9/29/2016