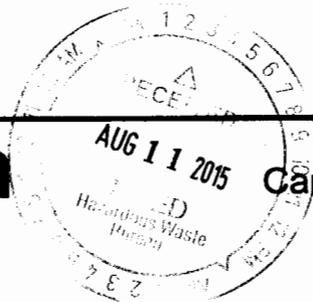


United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221



ENTERED

DATE: AUG 11 2015

REPLY TO
ATTN OF: CBFO:OQA:MPN:SG:15-0841:UFC 2300.00

SUBJECT: Audit Plan for Recertification Audit A-15-24, ANL/CCP Transuranic Waste Characterization Activities for Remote-Handled Waste

TO: Dale Dietzel, DOE-CH

Please be advised that an audit team from the Carlsbad Field Office will conduct the subject audit at the Argonne National Laboratory (ANL) in Argonne, IL, and the Central Characterization Program (CCP) facilities at the Skeen-Whitlock Building in Carlsbad, NM, September 29 – October 1, 2015. The audit will be conducted 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 and provide the team access to ANL waste characterization facilities; provide a meeting room (with a projector) to accommodate approximately 30 people for the entrance and exit meetings at both locations; provide working rooms for the team at both locations; assign cognizant personnel to support the audit; and facilitate access to the appropriate documentation and records at both locations.

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

Martin P. Navarrete
Senior Quality Assurance Specialist

Attachment

cc: w/attachment

- | | | | |
|--------------------------|------|-------------------------------------|----|
| M. Brown, CBFO | * ED | L. Bender, EPA | ED |
| J. R. Stroble, CBFO | ED | E. Feltcorn, EPA | ED |
| D. Miehlis, CBFO | ED | R. Joglekar, EPA | ED |
| G. Birge, CBFO | ED | J. Kieling, NMED | ED |
| N. Castaneda, CBFO | ED | R. Maestas, NMED | ED |
| T. Carver, CBFO | ED | S. Holmes, NMED | ED |
| R. Purucker, DOE-CH | ED | C. Smith, NMED | ED |
| K. Joshi, DOE-CH | ED | V. Daub, CTAC | ED |
| P. Breidenbach, NWP | ED | R. Allen, CTAC | ED |
| J. Blankenhorn, NWP | ED | P. Martinez, CTAC | ED |
| J. Britain, NWP | ED | B. Pace, CTAC | ED |
| F. Sharif, NWP/CCP | ED | K. Martin, CTAC | ED |
| D.E. Gulbransen, NWP/CCP | ED | D. Harvill, CTAC | ED |
| R. Reeves, NWP/CCP | ED | G. White, CTAC | ED |
| A.J. Fisher, NWP/CCP | ED | Site Documents | ED |
| I. Joo, NWP/CCP | ED | CBFO QA File | |
| J. Carter, NWP/CCP | ED | CBFO M&RC | |
| T. Peake, EPA | ED | *ED denotes electronic distribution | |

150812



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-15-24

Organization to be Audited: Argonne National Laboratory (ANL) Nuclear Waste Partnership LLC (NWP) Central Characterization Program (CCP)

Organizations to be Notified: ANL
NWP CCP
New Mexico Environment Department (NMED)
U.S. Environmental Protection Agency (EPA)

Date and Location: September 29 – October 1, 2015
Argonne, Illinois, and Carlsbad, New Mexico

Audit Team:

Michael Brown	Director, Carlsbad Field Office (CBFO) Quality Assurance (QA)
Martin Navarrete	Management Representative, CBFO QA
Katie Martin	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Tammy Ackman*	Auditor, CTAC (QA)
Cindi Castillo	Auditor, CTAC (Program Status)
Judith Stewart	Auditor, CTAC (AK)
Berry Pace	Auditor, CTAC (DTC & DM)
Dick Blauvelt	Technical Specialist, CTAC (AK)
Paul Gomez	Technical Specialist, CTAC (V&V)
Porf Martinez	Technical Specialist, CTAC (VE)
Jim Oliver	Technical Specialist, CTAC (DTC & DM)

*Personnel auditing in Carlsbad, NM

Audit Scope:

The audit team will evaluate the continued adequacy, implementation, and effectiveness of the ANL/CCP waste characterization processes for Remote-Handled Summary Category Group S5000 debris waste. The audit team will also evaluate the ANL/CCP program for meeting both technical and quality assurance (QA) requirements.

A list of the equipment and processes to be evaluated is attached to this plan (Attachment 1).

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 Activities – Carlsbad, NM

The following QA elements will be evaluated for compliance with the WIPP Hazardous Waste Facility Permit (HWFP), utilizing checklists C6-1 and C6-2.

- Personnel Qualification and Training
- Records
- Quality Improvement/Nonconformances

Technical Activities – ANL and Carlsbad, NM

The following technical elements will be evaluated for compliance with the WIPP HWFP, utilizing checklists C6-1 through C6-4 and/or procedural checklists, as applicable.

- Acceptable Knowledge (AK), including waste certification (i.e., Waste Stream Profile Forms)
- Project-Level Data Validation and Verification (V&V)
- Visual Examination (VE)
- Dose-to-Curie (DTC)
- Dimensional Measurement (DM)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)

Governing Documents/Requirements

Adequacy of ANL/CCP documents will be based on the current revisions of the following documents:

- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF
- DOE/CBFO-94-1012, *Quality Assurance Program Document*
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*

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

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance*

Project Plan

- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-500, *CCP/ANL RH-TRU Waste Interface Document*
- Related ANL/CCP and NWP QA and technical implementing procedures

Schedule of Audit Activities:

A pre-audit conference is scheduled for 9:00 a.m., Tuesday, September 29, 2015.

Audit team caucuses will be held at 4:00 p.m., Tuesday and Wednesday, September 29 and 30, 2015, and at 2:00 p.m. on Thursday, October 1, 2015.

Daily management briefings will be held at 8:30 a.m. on Wednesday, September 30, and Thursday, October 1, 2015.

A post-audit conference is scheduled for 3:30 p.m., Thursday, October 1, 2015.

All meeting locations will be identified on the daily audit schedule.

Prepared by: Katie Martin Date: 8/4/15
Katie Martin, CTAC
Audit Team Leader

Concurrence: Michael R. Brown Date: 8/5/2015
Michael R. Brown, Director
CBFO Office of Quality Assurance

Processes and Equipment to Be Reviewed During Audit A-15-24 of the ANL/CCP

WIPP #	Process/Equipment Description	Applicable to the Following Summary Category Groups	Currently Approved by NMED	Currently Approved by EPA
PREVIOUSLY APPROVED PROCESSES OR EQUIPMENT				
The following will be reevaluated during CBFO Audit A-15-24				
8RHVE1	Visual Examination CCP-TP-500, CCP Remote-Handled Waste Visual Examination CCP-TP-163, CCP Evaluation of Waste Packaging Records for Visual Examination of Records	Debris (S5000)	YES	YES (Records only)
8RHVE2	Visual Examination of Newly Packaged RH Waste Drums CCP-TP-500, CCP Remote-Handled Waste Visual Examination	Debris (S5000)	YES	YES
N/A	Acceptable Knowledge CCP-TP-005, CCP Acceptable Knowledge Documentation	Debris (S5000)	YES	YES
N/A	Data Verification and Validation CCP-TP-001, CCP Project Level Data Validation and Verification CCP-TP-500, CCP Remote-Handled Waste Visual Examination CCP-TP-504, CCP Dose-to-Curie Survey Procedure for Remote-Handled Transuranic Waste	Debris (S5000)	YES	YES
8DTC1	Dose-to-Curie CCP-TP-504, CCP Dose-to-Curie Survey Procedure for Remote-Handled Transuranic Waste	Debris (S5000)	N/A	YES
8RHGM1	Dimensional Measurement CCP-TP-513, CCP Procedure for Dimensional or Gravimetric Measurements for Radiological Characterization of Remote-Handled Transuranic Waste	Debris (S5000)	N/A	YES
N/A	Quality Assurance	N/A	N/A	YES
N/A	WIPP Waste Information System (WWIS)/Waste Data System (WDS)	NA	YES	YES