



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221
 JUL 19 2012

Mr. John Kieling, Chief
 Hazardous Materials Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

Subject: Transmittal of Audit Plan and Notification of Assigned Auditors for CBFO Recertification
 Audit A-12-16 of ANL/CCP

Dear Mr. Kieling:

This letter transmits the audit plan for Carlsbad Field Office (CBFO) Recertification Audit A-12-16 of the Argonne National Laboratory/Central Characterization Project (ANL/CCP) for transuranic waste characterization activities. The audit will be conducted as required by the Waste Isolation Pilot Plant Hazardous Waste Facility Permit, and will be held at the Skeen-Whitlock Building in Carlsbad, New Mexico, and at the Argonne National Laboratory, in Argonne, Illinois, August 28 - 30, 2012. The audit plan identifies the audit team members, as required by the Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. Courtland Fesmire, CBFO Quality Assurance Engineer, at (575) 234-7548.

Sincerely,


 Jose R. Franco, Manager
 Carlsbad Field Office 

Enclosure

cc: w/enclosure

- | | | | |
|----------------------|-----|-------------------------------------|----|
| E. Ziemianski, CBFO | *ED | T. Kliphuis, NMED | ED |
| R. Unger, CBFO | ED | S. Holmes, NMED | ED |
| J.R. Stroble, CBFO | ED | R. Maestas, NMED | ED |
| G. Basabilvazo, CBFO | ED | G. Knox, CTAC | ED |
| M. Pinzel, CBFO | ED | G. White, CTAC | ED |
| T. Morgan, CBFO | ED | WIPP Operating Record | ED |
| C. Fesmire, CBFO | ED | CBFO QA File | |
| N. Castaneda, CBFO | ED | CBFO M&RC | |
| S. McCauslin, CBFO | ED | *ED denotes electronic distribution | |



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-12-16

Organization to be Audited: Argonne National Laboratory (ANL), Washington TRU Solutions (WTS)
Central Characterization Project (CCP)

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

Date and Location: August 28 – 30, 2012
Argonne, Illinois, and
Carlsbad, New Mexico

Audit Team:

Courtland Fesmire	Management Representative, Carlsbad Field Office (CBFO) Office of Quality Assurance
Greg Knox	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Berry Pace	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Charlie Riggs	Auditor, CTAC
Rick Castillo	Auditor, CTAC
Rhett Bradford	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Sheila Hailey	Technical Specialist, CTAC
Paul Gomez	Technical Specialist, CTAC
Jim Oliver	Technical Specialist, CTAC
B.J. Verret	Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of ANL/CCP technical and quality assurance activities for characterization and certification of remote-handled, Summary Category Group S5000 debris waste. The audit team will evaluate these activities for compliance to requirements in the Waste Isolation Pilot Plant Hazardous Waste Facility Permit Waste Analysis Plan (WAP) and the CBFO Quality Assurance Program Document (QAPD). See Attachment 1, Processes and Equipment to Be Reviewed During Audit A-12-16 of the ANL/CCP, for additional details. Elements of the WAP will be evaluated using the May 8, 2012 version of the WAP Table C6 Checklists. Non-WAP-related activities will be evaluated for compliance to the requirements in the CBFO QAPD using auditor generated checklists.

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

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

Technical Activities

ANL (Argonne)

- Visual Examination (VE)
- Dose-to-Curie (DTC)
- Gravimetric or Dimensional Measurement
- Headspace Gas (HSG) Sampling
- Transportation

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- Project-Level Data Validation and Verification
- Acceptable Knowledge (AK)
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)

Governing Documents/Requirements

Overall program adequacy and effectiveness of the ANL/CCP waste characterization processes 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*
- *Remote-Handled TRU Waste Characterization Program Implementation Plan*, DOE/WIPP-02-3214
- CCP implementing procedures

Processes and Equipment to Be Reviewed During Audit A-12-16 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-12-16				
N/A	Headspace Gas Sampling CCP-TP-093, CCP Sampling of TRU Waste Containers	Debris (S5000)	YES	N/A
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	Gravimetric or 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