



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



MAR 16 2012

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

Subject: Transmittal of Audit Plan for CBFO Audit A-12-10 of the Bettis Atomic Power Laboratory Central Characterization Project

Dear Mr. Kieling:

This letter transmits the audit plan for the Carlsbad Field Office (CBFO) Closeout Audit A-12-10 of the Bettis Atomic Power Laboratory Central Characterization Project for Transuranic Waste Characterization Activities. The audit will be conducted as required by Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF, and will be held at the Skeen-Whitlock Building in Carlsbad, New Mexico, April 24 – 26, 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. Randy Unger, Director of the Office of Quality Assurance, at (575) 234-7065.

Sincerely,

Jose R. Franco
Manager, Carlsbad Field Office

Enclosure



Mr. John Kieling

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MAR 16 2012

cc: w/enclosure

R. Unger, CBFO	*ED
C. Fesmire, CBFO	ED
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J. Marple, NMED/DOE OB	ED
T. Peake, EPA	ED
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P. Gomez, CTAC	ED
M. Mager, CTAC	ED
K.D. Martin, CTAC	ED
R. Castillo, CTAC	ED
C. Castillo, CTAC	ED
WIPP Operating Record	ED
CBFO QA File	
CBFO M&RC	

*ED denotes electronic distribution

CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-12-10

Organization to be Audited: Bettis Atomic Power Laboratory (BAPL) Central Characterization Project (CCP)

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

Date and Location: April 24 – 26, 2012
Carlsbad, New Mexico

Audit Team:

Courtland Fesmire	Audit Team Management Representative, Carlsbad Field Office (CBFO)
Paul C. Gomez	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
K. D. Martin	Auditor, CTAC
Cindi Castillo	Auditor, CTAC
Melisa Mager	Auditor in Training, CTAC
Rick Castillo	Auditor, CTAC

Audit Observers: Steve Holmes, NMED

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of CCP programs for controlling quality assurance (QA) and technical activities performed for BAPL. This audit encompasses the closeout of activities related to the characterization and certification of remote-handled Summary Category Group S5000 debris waste consisting of a single waste stream designated as BT-T001. This closeout audit includes evaluation and turn-over of the characterization process records completed for CBFO certification Audit A-11-12 for visual examination, headspace gas sampling, and dose to curie, including any nonconformance reports generated. The audit team will evaluate completed batch data reports through all phases of data validation and verification, and will review the completion of Acceptable Knowledge Summary Sheets. An evaluation of the WIPP Waste Information System for this closeout will be performed.

Governing Documents/Requirements

Evaluation of overall program adequacy and effectiveness of the BAPL/CCP program will be based on the current revisions of the following documents:

- DOE/CBFO-94-1012, *Quality Assurance Program Document (QAPD)*
- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF
- 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 were developed from the current revisions of the following documents:

- CCP-PO-001, *CCP Transuranic Waste Quality Assurance Characterization Project Plan (QAPjP)*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-511, *CCP/BAPL Interface Document*
- Related CCP QA and technical implementing procedures

Activities to be Audited:

Quality Elements

- Nonconformances
- Personnel Qualification and Training
- Records

Technical

- Acceptable Knowledge (AK spreadsheet)
- Generation and Project-Level Data Validation and Verification
- Visual Examination
- Dose to Curie
- Headspace Gas Sampling
- Waste Certification (e.g., Waste Stream Profile Form)

Schedule of Audit Activities:

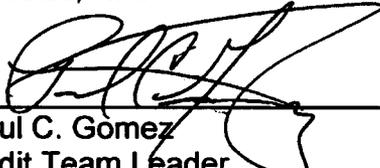
A pre-audit conference is scheduled for Tuesday, April 24, 2012, at 8:00 a.m.

Audit team caucus meetings will be conducted Tuesday and Wednesday, April 24 and 25, 2012, at 3:00 p.m., and Thursday, April 26, 2012, at 2:00 p.m.

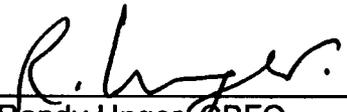
Management briefing meetings will be conducted Wednesday and Thursday, April 25 and 26, 2012, at 8:00 a.m.

A post-audit conference is scheduled for Thursday, April 26, 2012, at 3:00 p.m.

All meetings will take place in the Skeen-Whitlock Building, conference room 224, in Carlsbad, NM.

Prepared by: 
Paul C. Gomez
Audit Team Leader

Date: 3/14/2012

Concurrence: 
Randy Unger, CBFO
Quality Assurance Director

Date: 15 Mar 12

Attachment 1

Process and Equipment to be Audited During Audit A-12-10 of BAPL/CCP

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
PROCESSES OR EQUIPMENT				
This audit will evaluate Remote-Handled (RH) S5000 debris waste				
N/A	Acceptable Knowledge Procedure – CCP-TP-002 and CCP-TP-005	Debris (S5000)	YES	YES
19RHVE1	Visual Examination Procedure – CCP-TP-500	Debris (S5000)	YES	YES
19DTC1	Radiological Characterization (DTC) Procedure – CCP-TP-504	Debris (S5000)	N/A	YES
N/A	Headspace Gas Sampling Procedure – CCP-TP-093	Debris (S5000)	YES	N/A
N/A	Data Generation and Project-Level Validation and Verification (V&V) Procedure – CCP-TP-001	Debris (S5000)	YES	YES
N/A	WIPP Waste Information System (WWIS/WDS) Procedure – CCP-TP-530 and CCP-TP-507	Debris (S5000)	YES	YES
N/A	Quality Assurance	N/A	YES	YES