

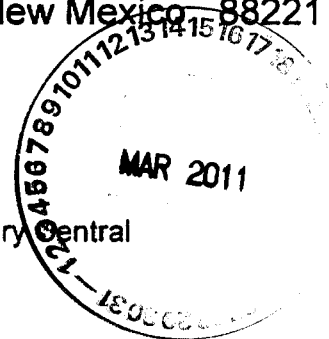
memorandumCarlsbad Field Office
Carlsbad, New Mexico 88221

DATE: MAR 15 2011

REPLY TO
ATTN OF: CBFO:OQA:DSM:MAG:11-0485:UFC 2300.00

SUBJECT: Notification of Certification Audit A-11-12, Bettis Atomic Power Laboratory Central
Characterization Project

TO: Mr. Christopher Labee, DOE-NRLFO



Please be advised that an audit team from the Department of Energy (DOE) Carlsbad Field Office (CBFO) will conduct Audit A-11-12 of the Bettis Atomic Power Laboratory (BAPL) utilizing the subcontracted services of the Washington TRU Solutions Central Characterization Project (WTS/CCP) for the characterization of remote-handled transuranic waste.

The audit will be conducted April 19-21, 2011 at the Skeen-Whitlock Building in Carlsbad, New Mexico in accordance with the attached audit plan. Representatives from the New Mexico Environment Department (NMED) will be present to observe the audit.

Your representatives are requested to coordinate with the audit team to support the audit and provide access to the appropriate documentation and records.

If you have any questions or comments concerning this audit, please contact me at (575) 234-7491.

Dennis S. Miehl
Senior Quality Assurance Specialist

Attachment

cc: w/attachment

J. R. Stroble, CBFO	*ED	S. Ghose, EPA	ED
M. Navarrete, CBFO	ED	R. Lee, EPA	ED
T. Morgan, CBFO	ED	S. Zappe, NMED	ED
C. Fesmire, CBFO	ED	S. Holmes, NMED	ED
D. Haar, WTS/CCP	ED	T. Kesterson, DOE OB WIPP NMED	ED
D. Ploetz, WTS/CCP	ED	D. Winters, DNFSB	ED
V. Cannon, WTS/CCP	ED	P. Gilbert, LANL-CO	ED
A. J. Fisher, WTS/CCP	ED	G. Lyshik, LANL-CO	ED
M. Walker, WTS/CCP	ED	K. D. Martin, CTAC	ED
Y. Salmon, WTS/CCP	ED	P. Gomez, CTAC	ED
T. Peake, EPA	ED	WIPP Operating Record	ED
M. Eagle, EPA	ED	CBFO QA File	
E. Feltcorn, EPA	ED	CBFO M&RC	
R. Joglekar, EPA	ED	*ED denotes electronic distribution	

110321



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-11-12

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 19 – 21, 2011
Carlsbad, New Mexico

Audit Team:

Dennis S. Miehls	Audit Team Management Representative, Carlsbad Field Office (CBFO)
Paul C. Gomez	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Porf Martinez	Auditor, CTAC
Priscilla Martinez	Auditor, CTAC
Greg Knox	Auditor, CTAC
Randall Allen	Auditor, CTAC
K. D. Martin	Auditor, CTAC
B.J. Verret	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
R. Bradford	Technical Specialist, CTAC
James Oliver	Technical Specialist, CTAC

Audit Observers: Connie Walker, NMED
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 at BAPL. This audit encompasses the activities related to the characterization and certification of remote-handled (RH) Summary Category Group (SCG) S5000 debris waste consisting of a single waste stream designated as BT-T001. This certification audit includes evaluation of the characterization processes completed during CBFO Surveillances S-10-37 for visual examination and S-11-08 for headspace gas sampling and dose to curie.

Governing Documents/Requirements

The 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)*
- 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 (WAC)*
- DOE/WIPP-02-3214, *Remote-Handled Transuranic Waste Characterization Program Implementation Plan (WCPIP)*

Programmatic and technical checklists will be 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
- Generation and Project-Level Data Validation and Verification
- Visual Examination
- Dose to Curie
- Performance Demonstration Program
- Headspace Gas Sampling
- Waste Certification (e.g., Waste Stream Profile Form)

Schedule of Audit Activities:

A pre-audit conference is scheduled for Tuesday, April 19, 2011, at 8:00 a.m.

Audit team caucus meetings will be conducted Tuesday and Wednesday, April 19 and 20, 2011, at 3:00 p.m. & Thursday at 2:00 p.m.

Management briefing meetings will be conducted Wednesday and Thursday, April 20 and 21, 2011, at 8:00 a.m.

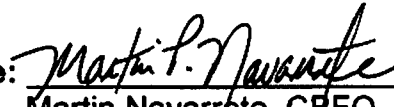
A post-audit conference is scheduled for Thursday, April 21, 2011, at 3:00 p.m.

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

Prepared by: 

Paul C. Gomez, CTAC
Audit Team Leader

Date: 3/14/11

Concurrence: 

Martin Navarrete, CBFO
Acting Quality Assurance Director

Date: 3-14-11

Attachment 1

Process and Equipment to be Audited During Audit A-11-12 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
NEW 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)	NO	NO
19RHVE1	Visual Examination Procedure – CCP-TP-500	Debris (S5000)	NO	NO
19DTC1	Radiological Characterization (DTC) Procedure – CCP-TP-504	Debris (S5000)	N/A	NO
N/A	Headspace Gas Sampling Procedure – CCP-TP-093	Debris (S5000)	NO	N/A
N/A	Data Generation and Project Level Validation and Verification (V&V) Procedure – CCP-TP-001	Debris (S5000)	NO	NO
N/A	WIPP Waste Information System (WWIS/WDS) Procedure – CCP-TP-530 and CCP-TP-507	Debris (S5000)	NO	NO
N/A	Quality Assurance	N/A	YES	YES