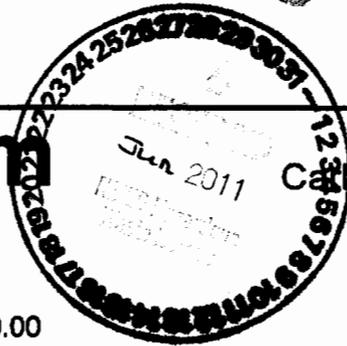


United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221



DATE: JUN 29 2011

REPLY TO
ATTN OF: CBFO:OQA:DSM:MAG:11-0609:UFC 2300.00

SUBJECT: Notification of Recertification Audit A-11-20 of the ANL Central Characterization Project
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 (CBFO) will conduct the subject audit at the Argonne National Laboratory (ANL) in Argonne, Illinois, and the CBFO Skeen-Whitlock Building in Carlsbad, New Mexico, on August 2-4, 2011. 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 the ANL Central Characterization Project facilities; working rooms for the team and appropriate space to conduct meetings; appropriate audio/visual equipment for viewing of electronic media at ANL; cognizant personnel to support the audit; and access to the appropriate documentation and records at both locations.

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

Dennis S. Miehl
Senior Quality Assurance Specialist

Attachment

cc: w/attachment

- | | | | |
|-----------------------|------|--------------------------------|----|
| R. Unger, CBFO | * ED | R. Joglekar, EPA | ED |
| M. Navarrete, CBFO | ED | S. Ghose, EPA | ED |
| J. R. Stroble, CBFO | ED | R. Lee, EPA | ED |
| T. Morgan, CBFO | ED | J. Kieling, NMED | ED |
| K. Joshi, DOE-CH | ED | S. Holmes, NMED | ED |
| D. Haar, WTS/CCP | ED | T. Hall, NMED | ED |
| D. Ploetz, WTS/CCP | ED | T. Kesterson, DOE OB WIPP NMED | ED |
| V. Cannon, WTS/CCP | ED | D. Winters, DNFSB | ED |
| A. J. Fisher, WTS/CCP | ED | P. Gilbert, LANL-CO | ED |
| I. Quintana, WTS/CCP | ED | G. Lyshik, LANL-CO | ED |
| M. Walker, WTS/CCP | ED | G. Knox, CTAC | ED |
| Y. Salmon, WTS/CCP | ED | K. D. Martin, CTAC | ED |
| T. Peake, EPA | ED | WIPP Operating Record | ED |
| M. Eagle, EPA | ED | CBFO QA File | |
| E. Feltcorn, EPA | ED | CBFO M&RC | |

*ED denotes electronic distribution



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-11-20

Organization to be Audited: Argonne National Laboratory Central Characterization Project (ANL/CCP)

Organizations to be Notified: Argonne National Laboratory
Washington TRU Solutions LLC (WTS)
New Mexico Environment Department (NMED)
Defense Nuclear Facilities Safety Board (DNFSB)

Date and Location: August 2 – 4, 2011
Argonne, Illinois, and
Carlsbad, New Mexico

Audit Team:

Dennis S. Miehl	Audit Team Management Representative Carlsbad Field Office (CBFO)
Greg Knox	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Cindi Castillo	Audit Team Leader (in training), CTAC
Priscilla Martinez	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Katie Martin	Auditor, CTAC
Rick Castillo	Auditor, CTAC
Rhett Bradford	Technical Specialist, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Paul Gomez	Technical Specialist, CTAC
Jim Oliver	Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of ANL/CCP transuranic (TRU) waste activities related to the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (HWFP) for characterization and certification of remote-handled (RH) Summary Category Group (SCG) S5000 debris waste. Dimensional/gravimetric measurement and dose-to-curie activities will also be evaluated.

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 (QA) activities

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

Technical activities

ANL (Argonne)

- Visual Examination (VE)
- Dose-to-Curie (DTC)
- Gravimetric or Dimensional Measurement

Carlsbad

- Project-Level Data Validation and Verification
- Acceptable Knowledge (AK)
- Headspace Gas (HSG) Sampling (document review only)
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)

See the attachment 1, Process and Equipment to Be Reviewed During Audit A-11-20 of the ANL/CCP, for additional details.

(Non-HWFP processes will be evaluated for procedural compliance using auditor generated checklists)

Governing Documents/Requirements

Quality Assurance Program Document (QAPD), DOE/CBFO-94-1012

Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM 4890139088-TSDF, New Mexico Environment Department

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

CCP Implementing Procedures

Schedule of Audit Activities:

A pre-audit conference will be held Tuesday, August 2, 2011, at 8:00 a.m. CDT

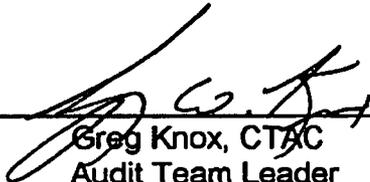
Management briefings will be held Wednesday, August 3, and Thursday, August 4, 2011, at 8:30 a.m. CDT

Audit team caucus meetings will be held Tuesday, August 2, and Wednesday, August 3, 2011, at 4:00 p.m. CDT

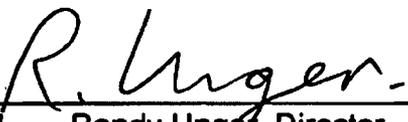
An audit team caucus meeting will be held Thursday, August 4, 2011, at 2:00 p.m. CDT

A post-audit conference will be held Thursday, August 4, 2011, at 4:00 p.m. CDT

All meetings will take place at the designated ANL/CCP and CBFO Skeen-Whitlock Building locations.

Prepared by: 
Greg Knox, CTAC
Audit Team Leader

Date: 28 JUN 2011

Concurrence: 
Randy Unger, Director
CBFO Office of Quality Assurance

Date: 28 Jun 11.

Process and Equipment to Be Reviewed During Audit A-11-20 of the ANL/CCP

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
PREVIOUSLY APPROVED PROCESSES OR EQUIPMENT				
The following will be reevaluated during CBFO Audit A-11-20				
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