



United States Government

Department of Energy

memorandum

 Carlsbad Field Office
 Carlsbad, New Mexico 88221

DATE: February 13, 2002

REPLY TO
ATTN OF: CBFO:QA:ALH:GS:02-0662:UFC 2300.00

SUBJECT: Audit (A-02-03) of Argonne National Laboratory-East (ANL-E), TRU Waste Characterization Activities Utilizing the Services of the Westinghouse TRU Solutions LLC (WTS) Central Characterization Project (CCP)

to: Angela Harvey, DOE ANL-E

Please be advised that a team of auditors from the Carlsbad Field Office (CBFO) will conduct an audit of the ANL-E, TRU waste characterization program utilizing the services of the CCP at ANL-E on April 22-26, 2002. The audit will be conducted in accordance with the attached audit plan. Representatives from the US Environmental Protection Agency (EPA), the New Mexico Environmental Department (NMED), and the Environmental Evaluation Group (EEG) may be present or participate in this audit.

Your representatives are requested to coordinate with the audit team to develop the necessary documentation for team access to ANL-E facilities, arrange for appropriate space to conduct meetings, provide cognizant personnel to support the audit, and provide the audit team with access to appropriate documentation and records.

If you have any questions or comments concerning the audit, please contact me at (505) 234-7423.

/Signature on File/
 Ms. Ava L. Holland
 Quality Assurance Manager

Attachment

cc: w/attachment
 L. Chism, CBFO
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 CBFO Mailroom



CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-02-03

Organization to be Audited: Argonne National Laboratory-East, Westinghouse TRU Solutions, Central Characterization Project (CCP) Services

Organizations to be notified: Argonne National Laboratory-East
Westinghouse TRU Solutions
New Mexico Environment Department (NMED)
Environmental Protection Agency (EPA)
Environmental Evaluation Group (EEG)
Defense Nuclear Facilities Safety Board (DNFSB)

Date and Location: April 22-26, 2002
Argonne National Laboratory-East
Argonne, Illinois

Audit Team:

Earl Bradford	Team Leader
Jack Walsh	Auditor, CTAC
Steve Davis	Auditor, CTAC
Pete Rodriguez	Auditor, CTAC
Porf Martinez	Auditor, CTAC
Jim Schuetz	Auditor, CTAC
Chet Wright	Auditor, CTAC
Tom Putnam	Auditor, CTAC
Dick Blauvelt	AK Technical Specialist, CTAC
Patrick Kelley	NDA Technical Specialist, CTAC
Dorothy Gill	HSG Technical Specialist, CTAC
Wayne Ledford	NDE (RTR) & VE Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the CCP technical and quality assurance activities contracted by Argonne National Laboratory-East (ANL-E), (The University of Chicago) for characterization and certification of retrievably stored debris waste.

Governing Documents/Requirements:

The overall program adequacy and effectiveness of CCP/ANL-E documents will be based on the current revisions of the following documents:

Quality Assurance Program Document (QAPD), CAO-94-1012

Hazardous Waste Facility Permit Waste Isolation Pilot Plant EPA No. NM4890139088-TSDF by the New Mexico Environment Department, dated October 27, 1999, including all applicable modifications

Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC), DOE/WIPP-069, Current Revision

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

CCP Transuranic Waste Quality Assurance Characterization Project Plan (QAPjP), CCP-PO-001

CCP Transuranic Waste Certification Plan, CCP-PO-002

CCP/ANL-E Interface Document, CCP-PO-007

Contract between the University of Chicago (ANL-E) and WTS (Statement of Work)

Related CCP Quality Assurance and technical implementing procedures

Related ANL-E Quality Assurance implementing procedures

Activities to be Audited:

The following CBFO quality assurance elements will be evaluated:

- Organization and Quality Assurance Program (Program Interfaces and Statement of Work)
- Nonconformances and Corrective Action
- Personnel Qualification and Training
- Documents & Records
- Work Processes
- Procurement
- Inspection and Testing (Control of M&TE)
- Audits/Assessments
- Software QA

The following CBFO Characterization technical elements will be evaluated:

- Data Validation & Verification
- Acceptable Knowledge (AK)
- Nondestructive Assay (NDA-WIT and APNEA)

- NDE (Digital Radiography/Computed Tomography)
- Visual Examination (VE)
- Head Space Gas Sampling and Analysis
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste information System (WWIS)
- Performance Demonstration Program (PDP)
- Waste Analysis Plan (WAP), Section B6

Schedule of Audit Activities:

A pre-audit conference is scheduled for Monday, April ~~8~~²², 2002, at 4:00 p.m.

An audit team caucus will be held at 4:45 p.m. Monday through Thursday.

The audit team will meet with appropriate ANL-E and CCP management at 8:30 a.m. Tuesday through Thursday.

A post-audit conference is scheduled for Friday April ~~12~~²⁶, 2002, at 4:00 p.m. All meetings will take place at the designated ANL-E location in Argonne, Illinois.

Prepared by: /Signature on File/
Earl Bradford, CTAC
Audit Team Leader

Date: 2/11/2002

Approved by: /Signature on File/
Ava Holland,
CBFO Quality Assurance Manager

Date: 2/14/02