



United States Government

Department of Energy

Memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: February 24, 2004

REPLY TO
ATTN OF: CBFO:QA:MPN:GS:04-0055:UFC 2300

SUBJECT: Audit A-04-12 of Idaho National Engineering and Environmental Laboratory (INEEL)
Advanced Mixed Waste Treatment Project (AMWTP)

TO: Brian Edgerton, DOE-ID
Richard Cullison, DOE-ID

Please be advised that a team of auditors from the Carlsbad Field Office (CBFO) will conduct a transportation re-certification audit of the AMWTP. The audit will be conducted during the period of April 12-15, 2004 in accordance with the attached audit plan. Representatives from DOE/CBFO, the New Mexico Environment Department (NMED), the Environmental Evaluation Group (EEG), Westinghouse TRU Solutions (WTS), and other interested parties may be present to observe or participate in the audit process.

Your representatives are requested to coordinate with the audit team to develop the necessary documentation for team access to AMWTP 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. Please provide meeting rooms (with overhead projector) for the entrance and exit meetings, working rooms for the audit team, a full set of documentation applicable to AMWTP work for the WIPP including the applicable procedures, and miscellaneous office supplies (e.g. pens, paper, copy machine, Post-It Notes, stapler, "scotch" tape, etc.) for each working room.

If you have any questions or comments concerning the audit, please contact me at (505) 234-7483.

Martin P. Navarrete
Quality Assurance Specialist

Attachment



Edgerton/Cullison

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cc: w/attachment

A. Holland, CBFO	*ED
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D. Swale, BNFL	*ED
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S. Harrison, CTAC	*ED
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CBFO QA File	
CBFO M&RC	

CARLSBAD FIELD OFFICE CERTIFICATION AUDIT PLAN

Organization: Advanced Mixed Waste Treatment Project (AMWTP)

Organizations To Be notified: British Nuclear Fuel Limited Incorporated (BNFL, Inc.)
New Mexico Environment Department
Environmental Protection Agency
Environmental Evaluation Group
Defense Nuclear Facilities Safety Board

Date and Location: April 12 to April 15, 2004
Idaho Falls, Idaho

Evaluation Team:	Jeff May	Audit Team Leader/CTAC
	Dee Scott	Auditor/CTAC
	BJ Verret	Technical Specialist/CTAC
	T. Sellmer	Technical Specialist/WTS
	J. Willis	Technical Specialist/WTS

Audit Scope: The audit team will evaluate the adequacy, implementation, and effectiveness of the technical processes of AMWTP TRU waste activities as they relate to the addition of the CTI headspace sampling system for S3000 (solids) waste. This audit will also evaluate the AMWTP TRU waste shipping and transportation activities in order to re-certify AMWTP for transportation of TRU waste to WIPP.

Activities/Tasks to be audited:

The following CBFO quality assurance elements as they pertain to HSG and transportation will be audited:

Quality Improvement
Personnel Qualification and Training
Documents and Records

The complete QA program was audited during the AMWTP Certification audit A-03-05, performed during the period of August 19 – 21, 2003, and therefore will not be audited during this audit.

The following characterization technical elements will be audited:

- CTI Headspace Gas Sampling & Analysis for S3000 (solids)
- Project Level Data Verification and Validation
- Performance Demonstration Program (PDP)
Applicable Sections of the Waste Analysis Plan (WAP), Section B6

The following Transportation technical elements will be evaluated:

- Payload/container certification
- Payload container closure
- WWIS entry/certification
- Radiological surveys
- Payload assembly
- Payload loading
- TRUPACT-II operations/maintenance
- TRUPACT-II leak testing
- Measurement and Test Equipment (M&TE)
- Spare parts control
- Labeling and placarding
- TRANSCOM
- Review documentation for certification, payload assembly, TRUPACT-II loading and shipment

Governing Documents/Requirements:

Adequacy of AMWTP documents will be based on the current revisions of the following documents:

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

Waste Analysis Plan (WAP), Attachment B6 of the WIPP Hazardous Waste Permit

NRC-Docket-71-9218, Rev 19c, TRUPACT-II Safety Analysis Report for the TRUPACT-II Shipping Package

NRC-Docket 71-9279, Rev 2 Safety Analysis Report for HalfPACT Shipping Package

Contact Handled Transuranic Waste Authorized Methods for Payload Control (CH TRAMPAC), Rev 0

DOE/WIPP 02-3183, CH Packaging Program Guidance

DOE/WIPP 02-3184, CH Packaging Operations Manual

Programmatic and technical checklists will be developed from the active revision of the following documents:

AMWTP Certification Plan for INEEL Contact-Handled Transuranic Waste, MP-TRUW-8.1

AMWTP Quality Assurance Project Plan (QAPjP), MP-TRUW-8.2

AMWTP TRUPACT-II Authorized Methods for Payload Control (TRAMPAC), MP-TRUW-8.3

AMWTP Contact Handled TRAMPAC for HalfPACT, MP-TRUW-8.6

Related AMWTP technical and quality assurance implementing procedures

Schedule of Audit Activities:

A pre-audit conference is scheduled for Monday, April 12, at 5:00 p.m. at the AMWTP.

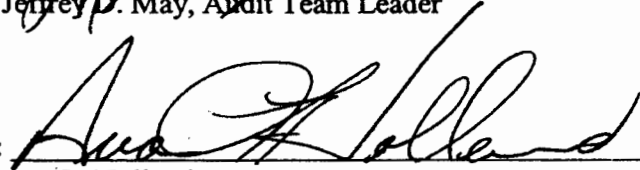
Audit team caucuses will be held at 5:00 p.m. Tuesday and Wednesday at the AMWTP location.

The audit team leader will meet with the appropriate AMWTP management at 8:30 a.m. Wednesday at the AMWTP location.

A post-audit conference is scheduled for Thursday, April 15 at 10:00 a.m. at the AMWTP location.

Approved By: 
Jeffrey D. May, Audit Team Leader

Date: 2/19/09

Approved By: 
Ava L. Holland
Quality Assurance Manager

Date: 2/24/09