



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221
 July 1, 2004



Mr. Steve Zappe, Project Leader
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

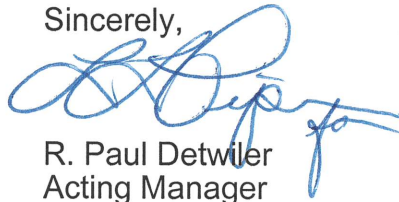
Subject: Transmittal of the Audit Plan and Notification of Assigned Auditors for the Idaho National Engineering and Environmental Laboratory, Advanced Mixed Waste Treatment Project Audit

Dear Mr. Zappe:

This letter transmits the audit plan for the CBFO audit to be conducted at the Idaho National Engineering and Environmental Laboratory, Advanced Mixed Waste Treatment Project on August 16-20, 2004, as required by the WIPP Hazardous Waste Facility Permit, Section B4-3f. The audit plan also identifies the audit team members as required by Section B6-3 of the Permit.

Please contact the Quality Assurance Manager, Ava L. Holland, at (505) 234-7423 should you have any questions concerning this notification.

Sincerely,



R. Paul Detwiler
 Acting Manager

Enclosure

cc:
 A. Holland, CBFO *ED
 M. Navarrete, CBFO *ED
 D. Miehl, CBFO *ED
 K. Watson, CBFO *ED
 R. Knerr, CBFO *ED
 S. Holmes, NMED *ED
 J. Bearzi, NMED *ED
 J. Kieling, NMED *ED
 C. Walker, TechLaw *ED
 S. Warren, WTS *ED
 J. May, CTAC *ED
 S. Harrison, CTAC *ED
 L. Greene, WRES *ED
 WIPP Operating Record
 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
Defense Nuclear Facilities Safety Board

Date and Location: August 16 to August 20, 2004

Idaho Falls, Idaho

Evaluation Team:	Jeff May	Audit Team Leader/CTAC
	Martin Navarrete	CBFO Management Representative
	Dennis Miehls	CBFO Management Representative
	S. Calvert	Auditor/CTAC
	P. Dugger	Auditor/CTAC
	C. Riggs	Auditor/CTAC
	P. Rodriquez	Auditor/CTAC
	P. Martinez	Auditor/CTAC
	W. Ledford	Auditor/CTAC
	J. Wilburn	Auditor/CTAC
	J. Schuetz	Auditor/CTAC
	BJ Verret	Technical Specialist/CTAC
	D. Blauvelt	Technical Specialist/CTAC
	P. Kelly	Technical Specialist/CTAC

Audit Scope: This recertification audit will evaluate the continued adequacy, implementation, and effectiveness of technical and QA processes related to the AMWTP transuranic (TRU) waste characterization and certification activities as they relate to Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (HWFP) for Summary Category Group S3000 homogenous solids waste. The activities associated with Summary Category Group S5000, non-compacted debris waste, not previously audited will also be evaluated. The specific items to be audited are listed below under 'Activities to be Audited.'

Activities to be audited:

The following CBFO quality assurance elements will be audited:

- Organization/QA Program Implementation
- Personnel Qualification and Training
- QA Grading
- Documents and Records
- Procurement

Control of Measuring and Test Equipment
Control of Nonconforming Items
Corrective Action
Audits/Assessments
Sample Control
Software
Work Processes

The following CBFO characterization technical elements will be audited for both S3000 and S5000 Summary Category Groups:

Sample Design
Nondestructive Assay (NDA)
Real Time Radioscopy (RTR)
Visual Examination (VE) for confirmation of RTR
VE Technique (VET) of newly generated waste or repackaged retrievably stored waste (S5000 only)
Headspace Gas (HSG) Sampling & Analysis
Solid Sampling
Data Generation Level & Project Level Verification & Validation (V&V)
Acceptable Knowledge
Performance Demonstration Program (PDP)
Gas Generation Testing
Waste Analysis Plan (WAP), Section B6

The following CBFO certification technical elements will be audited:

Waste Stream Profile Forms
WIPP Waste Information System (WWIS)

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 Facility Permit (HWFP)

Contact Handled Transuranic Waste Acceptance Criteria (WAC) for the Waste Isolation Pilot Plant, DOE/WIPP-02-3122

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 QAPjP For Gas Generation Testing Program, MP-TRUW-8.4

Related AMWTP technical and quality assurance implementing procedures

Schedule of Audit Activities:

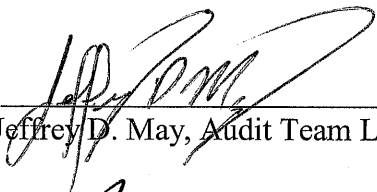
A pre-audit conference is scheduled for Monday, August 16, at 5:00 p.m. at the AMWTP.

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

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

A post-audit conference is scheduled for Friday, August 20 at 10:00 a.m. at the AMWTP location.

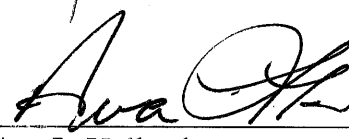
Approved By: _____


Jeffrey D. May, Audit Team Leader

Date: _____

7/1/04

Approved By: _____


Ava L. Holland
Quality Assurance Manager

Date: _____

7/1/04