



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
July 11, 2003



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

Re: Transmittal of the Audit Plan and Notification of Assigned Auditors for the Idaho National Engineering and Environmental Laboratory, Advanced Mixed Waste Treatment Project Certification 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 18-22, 2003, 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,

Dr. Inés R. Triay
Manager

Enclosure

cc:
S. Martin, NMED *ED
S. Holmes, NMED *ED
C. Walker, TechLaw *ED
M. Navarrete, CBFO *ED
A. Holland, CBFO *ED
K. Watson, CBFO *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 August 18 to August 22, 2003

Location: Idaho Falls, Idaho

Evaluation Team:	Jeff May	Audit Team Leader/CTAC
	Ava Holland	CBFO QA Manager
	Martin Navarrete	CBFO Management Representative
	Steve Calvert	Auditor/CTAC
	Tom Putnam	Auditor/CTAC
	Annabelle Axinn	Auditor/CTAC
	Norm Frank	Auditor/CTAC
	Chet Wright	Auditor/CTAC
	John Gray	Auditor/CTAC
	Porf Martinez	Auditor/CTAC
	Jim Schuetz	Auditor/CTAC
	Prissy Dugger	Auditor in Training/CTAC
	Karen Gaydosh	Technical Specialist/CTAC
	Dick Blauvelt	Technical Specialist/CTAC
	Patrick Kelly	Technical Specialist/CTAC
	BJ Verret	Technical Specialist/CTAC
	Dave Price	Technical Specialist in Training/CTAC

Audit Scope: The audit team will evaluate the adequacy, implementation, and effectiveness of technical and QA processes related to the AMWTP TRU waste characterization and certification activities, including the following activities:

S3000 (solids) waste

- headspace gas sampling and analysis (HSG)
- solids sampling
- real-time radiography (RTR)
- nondestructive assay (NDA)
- visual examination (VE) for confirmation of RTR
- gas generation testing

S5000 (debris) waste

- VE Technique (VET) of newly generated waste or repackaged

- retrievably stored waste
- real-time radiography (RTR)
- nondestructive assay (NDA)

The certification audit of VE for confirmation of RTR and HSG of Summary Category Group S5000 (debris) waste will be performed at a later date.

Activities/Tasks 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 Requirements
- Work Processes

The following CBFO characterization technical elements will be audited:

- Sample Design
- Nondestructive Assay (NDA)
- Real Time Radioscopy (RTR)
- Visual Examination (VE & VET)
- Headspace Gas Sampling & Analysis
- Solid Sampling
- Project Level Data Verification & Validation
- Acceptable Knowledge
- Waste Certification
- Performance Demonstration Program (PDP)
- Gas Generation Testing (S3000 – solids)
- 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 Permit

NRC-Docket-71-9218/Rev 19b, TRUPACT-II Safety Analysis Report, TRUPACT-II Authorized Methods for Payload Control (TRAMPAC)

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

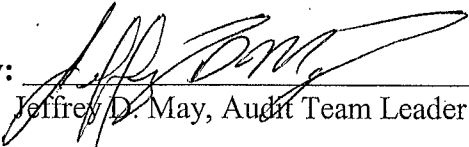
Schedule of Audit Activities:

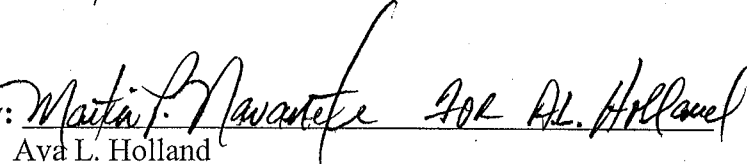
A pre-audit conference is scheduled for Monday, August 18, at 5:00 p.m. at the AMWTP.

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 22 at 10:00 a.m. at the AMWTP location.

Approved By:  Date: 7/10/03
Jeffrey D. May, Audit Team Leader

Approved By:  Date: 7-10-03
Ava L. Holland
Quality Assurance Manager