

United States Government

Department of Energy

Memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: **MAY 23 2007**

REPLY TO
ATTN OF: CBFO:OCT:CF:GS:07-0891:UFC 5822.00

SUBJECT: Expansion of Certification Authority to Include Manual Drum Coring System Operations

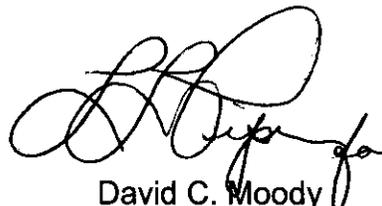
TO: Elizabeth Sellers, DOE-ID Manager

The purpose of this memorandum is to expand the Idaho National Laboratory (INL) Advanced Mixed Waste Treatment Project's (AMWTP) transuranic (TRU) waste characterization and certification authority to perform manual drum coring of homogeneous solids (S3000) and soils/gravel (S4000).

Manual drum coring operations were audited during Surveillance S-07-21, performed April 4-5, 2007. The surveillance was conducted at the AMWTP. The surveillance verified that the manual coring system for collection of samples for waste analysis and the associated quality assurance (QA) program were found to be in compliance with the "Waste Analysis Plan" (WAP) of the WIPP *Hazardous Waste Facility Permit (HWFP)*, the CBFO *Quality Assurance Program Document (QAPD)*, and the *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC)*.

Attachment 1 to this letter contains the complete list of certified procedures which includes the new AMWTP procedure INST-OI-73, *Manual Drum Coring Operations*. TRU waste certification, characterization, confirmation, or transportation using significantly revised or new processes, procedures, or systems must be evaluated by CBFO prior to their implementation.

If you have any questions, please contact Mr. Casey Gadbury at (505) 234-7372.



David C. Moody
Manager

Attachment

Elizabeth Sellers

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cc: w/attachment

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AMWTP LIST OF CERTIFIED PROCEDURES		
#	Procedure Number	Procedure Title
1.	CI-IDA-NDA-0035	Calibration Verification & Confirmation Procedure for the Integrated Waste Assay (IWAS) at AMWTP, Canberra Industries
2.	CI-IDA-NDA-0055	Total Measurement Uncertainty for the AMWTP Integrated Waste Assay Systems
3.	INST-CD&M-11.1.2	Facility Modification Proposal Preparation
4.	INST-CD&M-11.2.1	Software Version Control
5.	INST-CD&M-11.2.2	Software Inventory Classification
6.	INST-CD&M-11.2.3	System Data Change Requests
7.	INST-CMNT-10.14.1	Testing In-Plant and Process Instrumentation
8.	INST-CMNT-10.5.1	Calibration and Control of Measuring and Test Equipment
9.	INST-FOI-01	In-Plant Drum Assay Operations
10.	INST-FOI-17	Facility Visual Examination Operations
11.	INST-OI-09	Retrieval Enclosure Waste Container Extraction
12.	INST-OI-11	Waste Container Handling
13.	INST-OI-12	Real-Time Radiography Operations (Drum)
14.	INST-OI-13	Drum Vent/Headspace Gas Sample Operations
15.	INST-OI-14	Drum Assay Operations
16.	INST-OI-16	Drum Coring Operations
17.	INST-OI-20	TRUPACT-II Operations
18.	INST-OI-21	Payload Assembly
19.	INST-OI-24	Waste Packaging
20.	INST-OI-34	Non-Facility Visual Examination Operations
21.	INST-OI-43	HGAS Sampling and Analysis Operations
22.	INST-OI-52	Re-Lidding and Overpack Reconfiguration Operations
23.	INST-OI-65	Standard Waste Box Loading or Unloading
24.	INST-OI-73	Manual Drum Coring Operations
25.	INST-TRUW-8.1.1	Drum Assay Post Maintenance Calibration & Verification
26.	MP-ADMN-1.19	AMWTP Organization Charts
27.	MP-CD&M-11.1	Change Control
28.	MP-CD&M-11.2	Software Quality Assurance
29.	MP-CMNT-10.10	TRUPACT-II Maintenance Program
30.	MP-CMNT-10.14	In-Plant and Process Instrumentation Testing Program
31.	MP-CMNT-10.5	Calibration of Measuring and Test Equipment Program
32.	MP-COPS-9.7	Control of Equipment and System Status
33.	MP-DOCS-18.1	Developing Written Work Instructions
34.	MP-DOCS-18.2	AMWTP Records Management
35.	MP-DOCS-18.3	Developing Management Procedures
36.	MP-DOCS-18.4	Document Control
37.	MP-M&IA-17.1	Management Assessment

AMWTP LIST OF CERTIFIED PROCEDURES		
#	Procedure Number	Procedure Title
38.	MP-M&IA-17.2	Independent Assessment
39.	MP-M&IA-17.3	Surveillances
40.	MP-PCMT-15.1	Purchase Requisition Preparation
41.	MP-PCMT-15.21	Materials Management
42.	MP-PCMT-15.3	Purchase Order/Subcontract Preparation and Control
43.	MP-PCMT-15.7	Vendor Qualification and Performance Evaluation
44.	MP-Q&SI-5.1	Investigation & Root Cause Analysis
45.	MP-Q&SI-5.3	Corrective Action
46.	MP-Q&SI-5.4	Identification of Nonconforming Conditions
47.	MP-Q&SI-5.6	Graded Approach
48.	MP-Q&SI-5.8	Qualification of Inspection, Test and Audit Personnel
49.	MP-RTQP-14.16	Training Program Evaluation
50.	MP-RTQP-14.19	Training Records Administration
51.	MP-RTQP-14.20	Training Implementation Matrix
52.	MP-RTQP-14.4	Personnel Qualification and Certification
53.	MP-RTQP-14.6	Job Analysis
54.	MP-TRUW-8.1	Certification Plan for INL Transuranic Waste
55.	MP-TRUW-8.2	Quality Assurance Project Plan
56.	MP-TRUW-8.3	Contact-Handled Transuranic Waste Authorized Methods for Payload Control (CH-TRAMPAC)
57.	MP-TRUW-8.4	AMWTP QAPJP for Gas Generation Testing Program
58.	MP-TRUW-8.5	TRU Waste Certification
59.	MP-TRUW-8.8	Level I Data Validation
60.	MP-TRUW-8.9	Level II Data Validation
61.	MP-TRUW-8.11	Data Reconciliation
62.	MP-TRUW-8.12	Waste Receipt and Shipping Inspection
63.	MP-TRUW-8.13	Collection, Review, and Management of Acceptable Knowledge Documentation
64.	MP-TRUW-8.14	Preparation of Waste Stream Profile Forms
65.	MP-TRUW-8.16	WWIS Data Transfer
66.	MP-TRUW-8.17	Co-located Core Sampling Control Charts
67.	MP-TRUW-8.25	Random Selection of Containers for Headspace Gas and Solids Sampling Analysis
68.	MP-TRUW-8.26	Reports to Management
69.	MP-TRUW-8.27	CH-TRUCON Management
70.	MP-TRUW-8.34	WIPP Sample Shipments
71.	MP-TRUW-8.37	Long-Term Objective for Unified Flammable Gas Determination

AMWTP LIST OF CANCELLED, DEACTIVATED PROCEDURES			
#	Procedure Number	Procedure Title	Deactivation Date
1.	INST-CD&M-11.1.1	Facility Modification Screening	6/5/06
2.	INST-OI-18	Gas Generation Testing Operations	8/15/06
3.	INST-OI-44	Sampling Port Installation	1/26/06
4.	INST-OI-48	Electronic TRUPACT-II Operations	2/2/06
5.	INST-OI-49	Electronic Payload Assembly	12/11/06
6.	INST-TRUW-8.2.1	HSG Calibration	12/11/06
7.	MP-CMNT-10.3	Supply Chain Management (Superceded by MP-PCMT-15.21)	7/12/06
8.	MP-PCMT-15.4	Evaluation of Proposals (Superceded by MP-PCMT-15.21)	6/30/06
9.	MP-PCMT-15.6	Acceptance of Items and Services (Superceded by MP-PCMT-15.21)	7/12/06
10.	MP-Q&SI-5.7	Quality Inspections	7/12/06
11.	MP-TRUW-04-IM	TRU Waste Program Procedures Matrix for DOE-CBFO QAP	11/2/06
12.	MP-TRUW-8.6	Contact-Handled Transuranic Waste Authorized Methods for Payload Control (CH TRAMPAC) for HalfPACT (Incorporated into MP-TRUW-8.3)	12/04
13.	MP-TRUW-8.19	RTR/VE Drum Selection	1/24/07