

United States Government

Department of Energy

**memorandum**Carlsbad Field Office  
Carlsbad, New Mexico 88221

DATE: FEB 17 2011

REPLY TO  
ATTN OF: CBFO:OQA:DSM:MAG:11-0459:UFC 2300.00

SUBJECT: Notification of Surveillance S-11-06 of the Argonne National Laboratory Central  
Characterization Project Gravimetric or Dimensional Testing of Remote-Handled Debris  
(S5000) Fuel Examination Waste

TO: Dale Dietzel, DOE-CH



Please be advised that a surveillance team from the Carlsbad Field Office will conduct the subject surveillance at the Skeen-Whitlock Building in Carlsbad, New Mexico, on March 8-9, 2011, in accordance with the attached surveillance plan.

Your representatives are requested to coordinate with the surveillance team to provide cognizant personnel to support the surveillance and access to the appropriate documentation and records.

If you have any questions or comments concerning the surveillance, please contact me at (575) 234-7491.

Dennis Miehl  
Acting Director of the Office of Quality Assurance

**Attachment**

cc: w/attachment

D. Miehl, CBFO	* ED	R. Joglekar, EPA	ED
M. Navarrete, CBFO	ED	S. Ghose, EPA	ED
J. R. Stroble, CBFO	ED	R. Lee, EPA	ED
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V. Cannon, WTS/CCP	ED	P. Gilbert, LANL-CO	ED
A. J. Fisher, WTS/CCP	ED	G. Lyshik, LANL-CO	ED
M. Walker, WTS/CCP	ED	G. Knox, CTAC	ED
Y. Salmon, WTS/CCP	ED	K. D. Martin, CTAC	ED
T. Peake, EPA	ED	WIPP Operating Record	ED
M. Eagle, EPA	ED	CBFO QA File	
E. Feltcorn, EPA	ED	CBFO M&RC	

\*ED denotes electronic distribution

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## CARLSBAD FIELD OFFICE SURVEILLANCE PLAN

### Surveillance

**Number:** S-11-06

**Organization to be Surveilled:** Argonne National Laboratory  
Central Characterization Project (ANL/CCP)

**Date:** March 8 – 9, 2011

**Location:** Skeen-Whitlock Building, Carlsbad, NM

**Surveillance Team:** Greg Knox Surveillance Team Leader, CBFO Technical Assistance Contractor (CTAC)  
James Oliver Technical Specialist, CTAC  
Tamara Bowden Auditor, CTAC

### Surveillance Scope:

The surveillance team will evaluate the gravimetric and dimensional certification process of remote-handled (RH) fuel examination waste (FEW) for addition to the approved waste certification processes at ANL.

### Activities/Tasks to be Evaluated:

The surveillance team will evaluate ANL/CCP's ability to perform gravimetric or dimensional measurement of RH debris (Summary Category Group S5000) FEW material for certification and subsequent disposal at the Waste Isolation Pilot Plant. The physical measurement of the FEW material at ANL was observed during ANL/CCP Audit A-10-23, conducted August 3 – 5, 2010, and was found acceptable. However, insufficient documentation was provided to the audit team to perform a thorough evaluation of the total process through final certification. Therefore, for Audit A-10-23, the gravimetric or dimensional measurement process was deemed indeterminate. ANL/CCP has revised its procedures for the gravimetric or dimensional measurement process and the surveillance team will evaluate batch data reports and supporting documentation for compliance to those procedures.

### Governing Documents/Requirements:

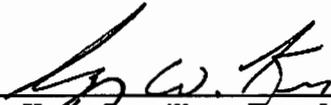
- *Quality Assurance Program Document (QAPD), DOE/CBFO-94-1012*
- *CCP Procedure for Dimensional or Gravimetric Measurements for Radiological Characterization of Remote-Handled Transuranic Waste, CCP-TP-513*
- *CCP Training and Qualification Plan, CCP-QP-002*
- *CCP TRU Nonconforming Item Reporting and Control, CCP-QP-005*
- *CCP Records Management, CCP-QP-008*
- *CCP Control of Measuring and Test Equipment, CCP-QP-016*
- *CCP Remote-Handled Waste Visual Examination, CCP-TP-500*

### Schedule of Surveillance Activities:

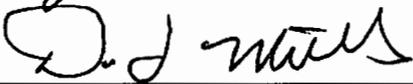
The surveillance is scheduled to start Tuesday, March 8, 2011 at 8:30 a.m. in the CTAC Conference Room, T-224, on the second floor of the Skeen-Whitlock building.

The surveillance team will conduct a management briefing as needed to discuss findings and surveillance progress.

The surveillance is scheduled to conclude on Wednesday, March 9, 2011 at 2:00 p.m. in the CTAC conference room, T-224, on the second floor of the Skeen-Whitlock Building.

Prepared By:   
Greg Knox, Surveillance Team Leader

Date: 17 FEB 2011

Approved By:   
Dennis Miehl, Acting Director,  
CBFO Office of Quality Assurance Director

Date: 2-17-11