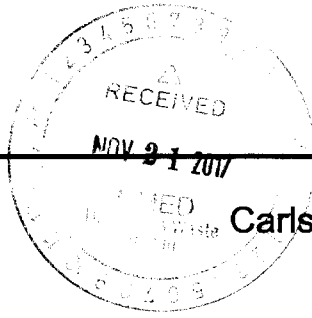


United States Government

memorandum**ENTERED**
Department of EnergyCarlsbad Field Office
Carlsbad, New Mexico 88221


DATE: NOV 21 2017
REPLY TO
ATTN OF: CBFO:OQA:MPN:BA:17-2272:UFC 2300.00
SUBJECT: Surveillance S-18-16 of Indeterminate Condition Identified During Audit A-17-04
TO: Mr. Jim Malmø, DOE-ID

Please be advised that a team from the Department of Energy (DOE) Carlsbad Field Office (CBFO) will conduct a surveillance of the Advanced Mixed Waste Treatment Project (AMWTP) at the Sawtelle Street facility in Idaho Falls, Idaho, and at the Idaho National Laboratory near Idaho Falls on December 4th – December 7th, 2017.

The surveillance team will evaluate an indeterminate condition that was identified during CBFO Audit A-17-04 of the AMWTP. In particular, the team will re-evaluate the Enhanced Acceptable Knowledge process that was previously deemed indeterminate. The surveillance will be conducted in accordance with the attached surveillance plan.

Your representatives are requested to coordinate with the surveillance team to develop the necessary documentation for the surveillance team to gain access to the AMWTP facilities, conduct the surveillance, and have appropriate access to necessary documentation and records. Please provide rooms for surveillance team work space, management briefings, surveillance team caucus meetings, and the post-surveillance conference.

If you have any questions or comments concerning the surveillance, please contact me at (575) 234-7483.

For 
Martin P. Navarrete
Senior Quality Assurance Specialist

Attachment



Mr. Jim Malmo

-2-

NOV 21 2017

cc: w/attachment

B. Hawks, EM-93	*ED
E. Espinosa, EM-4.21	ED
B. Forinash, EM-4.21	ED
T. Shrader, CBFO	ED
J. Carswell, CBFO	ED
M. Brown, CBFO	ED
J.R. Stroble, CBFO	ED
D. Miehl, CBFO	ED
M. Fineran, CBFO	ED
M. Stapleton, CBFO	ED
H. Cruickshank, CBFO	ED
J. Zimmerman, DOE-ID	ED
T. Jenkins, DOE-ID	ED
J. VanVliet, DOE-ID	ED
D. Pruitt, DOE-ID	ED
G. Byram, AMWTP	ED
J. McCoy, AMWTP	ED
E. Gulbransen, AMWTP	ED
E. Dumas, AMWTP	ED
J. Floerke, AMWTP	ED
G. Tedford, AMWTP	ED
A. Morse, AMWTP	ED
J. Walsh, EPA	ED
J. Ellis, EPA	ED
T. Peake, EPA	ED
E. Feltcorn, EPA	ED
R. Joglekar, EPA	ED
J. Kieling, NMED	ED
R. Maestas, NMED	ED
D. Biswell, NMED	ED
H. Tellez, NMED	ED
T. Runyon, CTAC	ED
P. Martinez, CTAC	ED
C. Castillo, CTAC	ED
M. Leroy, CTAC	ED
D. Harvill, CTAC	ED
G. White, CTAC	ED
J. Vernon, Portage	ED
Site Documents	ED

CBFO QA File

CBFO M&RC

*ED denotes electronic distribution

CARLSBAD FIELD OFFICE SURVEILLANCE PLAN

Surveillance Number: S-18-16
Organization to be assessed: Idaho National Laboratory (INL) Advanced Mixed Waste Treatment Project (AMWTP)
Date and Location: December 4 - 7, 2017
AMWTP INL site facilities near Idaho Falls, Idaho, and AMWTP Sawtelle Street, Idaho Falls, Idaho, facility

Surveillance Team:

Martin Navarrete	Carlsbad Field Office (CBFO) Quality Assurance Representative
Jim Vernon	Carlsbad Field Office (CBFO) Surveillance Team Leader (STL), CBFO Technical Assistance Contractor (CTAC), Quality Assurance NQA-1 Lead Auditor
Dick Blauvelt	Team Member, Technical Specialist, CTAC – Acceptable Knowledge
Randy Fitzgerald	Team Member, Technical Specialist, CTAC – Acceptable Knowledge
Ricardo Chavez	Team Member, Technical Specialist, CTAC – Acceptable Knowledge, Quality Assurance NQA-1 Auditor
Prissy Yanez	Team Member, Technical Specialist, CTAC, Quality Assurance NQA-1 Auditor

Surveillance Scope:

In accordance with DOE/WIPP 07-3372, Revision 5b, *Waste Isolation Pilot Plant Documented Safety Analysis*, Section 18.1, CBFO Quality Assurance will conduct an independent assessment focused on the Idaho National Laboratory (INL) Advanced Mixed Waste Treatment Project (AMWTP) transuranic (TRU) waste characterization program. The surveillance team will evaluate an indeterminate condition that was identified during CBFO Audit A-17-04 of the AMWTP. In particular, the surveillance team will re-evaluate the Enhanced Acceptable Knowledge (AK) process that was previously deemed indeterminate.

Activities/Tasks/Areas to be Included in the Surveillance:

The surveillance will include an adequacy review for compliance with DOE/WIPP-02-3122 *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* Appendix H (H.5) and Appendix I. The surveillance team will verify that AMWTP has the appropriate processes and personnel in place to successfully implement the following aspects of WIPP WAC Appendix H (H.5) and Appendix I as applicable:

- Interface Waste Management Documents List (IWMDL)
- Certified Program Enhanced Chemical Compatibility Evaluation
- Basis of Knowledge Evaluation for Evaluating Oxidizing Chemicals in TRU Waste

- Certified Program Acceptable Knowledge Assessments

The surveillance team will further evaluate the entry of Enhanced AK data into the WIPP Waste Data System (WDS) and associated training with WDS data entry. These areas will be evaluated by the surveillance team for both technical and quality assurance (QA) requirements.

Governing Documents/Requirements:

Assessment of program adequacy, implementation, and effectiveness will be based on current revisions of the following documents:


- DOE/CBFO-94-1012, *Quality Assurance Program Document*
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- DOE/WIPP 07-3372, *Waste Isolation Pilot Plant Documented Safety Analysis*
- MCP-4004, *TRU Waste Certification*
- MCP-4010, *Collection, Review and Management of Acceptable Knowledge Documentation*
- MCP-4015, *Preparation of Chemical Compatibility Evaluation and Basis of Knowledge Assessment*
- Related QA and technical implementing procedures

Schedule of Surveillance Activities:


If concerns are identified, management briefings will be held at 8:30 a.m. on Tuesday, December 5th, Wednesday, December 6th, and Thursday, December 7th, in the AMWTP Sawtelle Street facilities.

Surveillance team caucus meetings will be held at 3:00 p.m. on Monday, December 4th, Tuesday, December 5th, and Wednesday, December 6th and 1:00 p.m. on Thursday, December 7th, in the AMWTP Sawtelle Street facilities.

A post-surveillance conference is scheduled for Thursday, December 7th at 3:00 p.m. in the AMWTP Sawtelle Street facilities.

Prepared by:  FOR
Jim Vernon, CTAC
Surveillance Team Leader

Date: 11/20/17

Concurrence: 
Michael R. Brown, Director
CBFO Office of Quality Assurance

Date: 11/21/2017