



United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221



DATE: SEP 07 2011

REPLY TO ATTN OF: CBFO:QA:CGF:ANC:11-0697:UFC 2300.00

SUBJECT: Surveillance Report for CBFO Surveillance S-11-23, TRUPACT-III Transportation Operations

TO: Herbert Crapse, DOE-SR

The Carlsbad Field Office conducted Surveillance S-11-23 of Savannah River Site Central Characterization Project TRUPACT-III Operations activities August 22-25, 2011. The surveillance report is attached. No conditions adverse to quality were identified during the surveillance.

If you have any questions concerning the attached surveillance report, please contact me at (575) 234-7548.

Courtland G. Fesmire
Courtland G. Fesmire, P.E.
Quality Assurance Engineer

Attachment

cc: w/attachment

- | | | | |
|------------------------|-----|--------------------------------|----|
| R. Unger, CBFO | *ED | E. Feltcorn, EPA | ED |
| J. R. Stroble, CBFO | ED | R. Joglekar, EPA | ED |
| T. Morgan, CBFO | ED | S. Ghose, EPA | ED |
| N. Castaneda, CBFO | ED | R. Lee, EPA | ED |
| M. Navarrete, CBFO | ED | J. Kieling, NMED | ED |
| D. Ploetz, WTS/CCP | ED | T. Hall, NMED | ED |
| M. Sensibaugh, WTS/CCP | ED | S. Holmes, NMED | ED |
| V. Cannon, WTS/CCP | ED | D. Winters, DNFSB | ED |
| A.J. Fisher, WTS/CCP | ED | T. Kesterson, DOE OB WIPP NMED | ED |
| I. Quintana, WTS/CCP | ED | P. Gilbert, LANL-CO | ED |
| M. Walker, WTS/CCP | ED | G. Lyshik, LANL-CO | ED |
| Y. Salmon, WTS/CCP | ED | M. Mager, CTAC | ED |
| J. Carter, WTS/CCP | ED | T. Putnam, CTAC | ED |
| J. Hoff, WTS | ED | WWIS Database Administrators | ED |
| M. Mullins, WTS | ED | WIPP Operating Record | ED |
| T. Peake, EPA | ED | CBFO M&RC | |
| M. Eagle, EPA | ED | CBFO QA File | |

*ED denotes electronic distribution



CBFO SURVEILLANCE REPORT

Surveillance Number: S-11-23 **Date of Surveillance:** August 22 – 25, 2011

Surveillance Title: TRUPACT-III Transportation Operations

Organization: Washington TRU Solutions LLC (WTS)
Savannah River Site Central Characterization Project (SRS/CCP)

Surveillance Team: Courtland G. Fesmire, Carlsbad Field Office (CBFO)
Management Representative

Team Leader: Thomas Putnam, CBFO Technical Assistance Contractor (CTAC)

Team Members: B.J. Verret, CTAC
Joe Willis, WTS

Surveillance Scope:

This surveillance was performed to verify the adequacy, implementation, and effectiveness of TRUPACT-III Transportation Operations activities.

Surveillance Results:

The surveillance team determined that the TRUPACT-III procedures reviewed were adequate and that processes and associated activities were satisfactorily implemented and effective. The surveillance was based on the following documents:

- *TRUPACT-III Operations Manual, DOE/WIPP 10-3451*
- *TRUPACT-III Program Guidance, DOE/WIPP 10-3456*
- *TRUPACT-III Safety Analysis Report*
- *TRUPACT-III Mobile Loading Unit Operation and Maintenance Manual, WP PT.08-20*
- *CBFO Quality Assurance Program Document, DOE/CBFO-94-1012*
- Applicable work instructions and CCP implementing procedures

The following TRUPACT-III activities were evaluated during the surveillance:

- TRUPACT-III packaging operations
- Personnel qualification and training
- Waste Certification Official (WCO) activities
- Transportation Certification Official (TCO) activities
- Shipping activities
- Payload loading
- Documentation necessary for WIPP Waste Information System/Waste Data System (WWIS/WDS) data entry
- Container integrity

- Leak testing
- Shipping papers
- Spare parts
- Measuring and test equipment

The surveillance team verified TRUPACT-III transportation operations to be adequate, effective, and satisfactorily implemented. The team's examination of records found them to be compliant with procedural requirements. The tasks associated with TRUPACT-III transportation activities were found to be performed in accordance with procedural requirements.

Personnel qualifications and training were verified for WCO, TCO, contact-handled waste packaging operator, and helium leak test level II operator personnel. The surveillance team verified that daily pre-planning meetings were held to discuss operations prior to the start of shipping activities.

The TRUPACT-III WCO was interviewed prior to the surveillance to verify the certification of TRUPACT-III payloads in the WWIS/WDS Waste Stream Profile Forms and characterization data for the payload to be shipped from SRS to the Waste Isolation Pilot Plant.

At SRS, the surveillance team observed container integrity, leak testing, and payload processes and completion of the shipping papers associated with those processes. The team verified proper segregation and storage of spare parts and calibration of measuring and test equipment.

The surveillance team interviewed the TCO to verify correct interface with the SRS transportation/shipping coordinators in the completion of shipping manifests and marking and labeling of shipments.

Overall, the TRUPACT-III activities performed by WTS/CCP were determined to be adequate, satisfactorily implemented, and effective.

The surveillance team identified no conditions adverse to quality as a result of the surveillance, and provided no recommendations to WTS management.

By *U* for J. Putnam
Surveillance Team Leader Signature

8/29/11
Date

R. Luger
CBFO QA Director Approval Signature

7 Sep 11.
Date