

September 22, 2011

MEMORANDUM TO: Doug Weaver, Deputy Director
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Kimberly Hardin, Senior Project Manager **/RA/**
Licensing Branch
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF AUGUST 24, 2011, MEETING WITH WASHINGTON
TRU SOLUTIONS, TO DISCUSS THE REVIEW OF AN UPCOMIING
REVISION REQUEST FOR COC NOS. 9218 AND 9279, MODEL NOS.
TRUPACT-II AND HALFPACT (TAC NO. L24553)

Background

A meeting was held with Washington TRU Solutions LLC (WTS) on August 24, 2011, in Rockville, Maryland, to discuss the Model Nos. TRUPACT-II and HalfPACT transportation packages. The purpose of the meeting was to discuss an upcoming revision request to Certificate of Compliance (CoC) Nos. 9218 and 9279.

The meeting was noticed on August 11, 2011 (ML112231593). The meeting attendance list is provided as Enclosure No. 1.

Discussion

The discussion generally followed the agenda (Enclosure No. 2). The primary reason for the meeting was to discuss an upcoming request to add a new payload container for use in the Model Nos. TRUPACT-II and HalfPACT transportation packages. The meeting started with a brief overview of the packages and the general layout of the safety analysis reports (SARs).

The new payload container is needed to support NNSA's efforts to consolidate excess plutonium oxides. The request will include an increase in the fissile contents which will nearly double the shipping efficiency. The new container will be called the criticality control overpack (CCO). A general design overview of the CCO was provided, and sketches and pictures were provided as shown in the handouts which are provided as Enclosure 3.

The CCO design parameters (structural, thermal, shielding, and criticality) were discussed followed by the hypothetical accident condition test plan and test results. The tests were completed in January 2011. A video of the tests was shown and photos were provided and is also shown in the handouts.

No regulatory decisions were made in the meeting. WTS plans to submit the revision request in approximately 6 months.

Docket Nos. 71-9218 and 71-9279
TAC No. L24553

Enclosures:

1. Meeting Attendees
2. Agenda
3. Presentation

No regulatory decisions were made in the meeting. WTS plans to submit the revision request in approximately 6 months.

Docket Nos. 71-9218 and 71-9279
TAC No. L24553

Enclosures:

1. Meeting Attendees
2. Agenda
3. Presentation

Distribution:

NRC Attendees RBerry

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OFC	SFST	SFST	SFST
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**August 24, 2011, Public Meeting
Between Washington TRU Solutions LLC and
the Nuclear Regulatory Commission**

MEETING ATTENDANCE LIST

Kim Hardin	NRC/SFST
Jason Plotter	NRC/SFST
Jimmy Chang	NRC/SFST
Daniel Forsyth	NRC/SFST
Chris Allen	NRC/SFST
Brad Day	Washington TRU Solutions LLC
Todd Sellmer	Washington TRU Solutions LLC
James Rhoades	Department of Energy

Agenda for the
Model Nos. TRUPACT-II and HalfPACT Pre-application
Public Meeting
August 24, 2011, 9:00 a.m. – 12:00 p.m.

Purpose: To discuss a new payload container for use in the Model Nos. TRUPACT-II and HalfPACT transport packages.

- Introduction/Opening Remarks
- Review of TRUPACT-II/HalfPACT - Current Status and Certification Basis
- Summary of Need for Criticality Control Overpack (CCO)
- CCO Design Overview
- CCO Design Parameters and Certification Basis
 - Structural
 - Thermal
 - Shielding
 - Criticality
- CCO HAC Test Plan
- CCO HAC Test Results
 - Video
- Questions/Discussion
- Public Questions/Comments
- Closing Remarks
- Adjourn