

May 09, 2005

MEMORANDUM TO: Brian Thomas, Acting Deputy Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

FROM: Meraj Rahimi, Senior Project Manager /RA/
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF APRIL 27, 2005, MEETING WITH PACTEC ON
TRUPACT-III PACKAGE (DOCKET NO. 71-9305, TAC NO. L23827)

On April 27, 2005, representatives of the Nuclear Regulatory Commission (NRC) and Packaging Technology (PacTec), et al., held a pre-application meeting to discuss the redesigned TRUPACT-III transportation package which had been withdrawn by PacTec in August 2004.

The redesigned TRUPACT-III package is a shorter package which can be transported within a legal weight highway shipments limit. The package is rectangular in shape and is the size of a 14 foot ISO container (14 ft x 8.2 ft x 8.7 ft). The package provides a single containment system that is designed to transport oversized boxes of contact-handled transuranic waste materials consisting of solid and solidified materials (similar to the TRUPACT-II, 71-9218). Two thin walls (i.e., 8 mm) stainless steel with 4 mm stiffeners in between are used for the construction of the containment vessel.

In addition to shortening the length of the package by 6 feet, PacTec has replaced most of the wood around the packaging with polyurethane. Other changes include revised body and lid flange structures to increase strength and reduce applied loading and improving overpack cover sheet seams. The other major change is the PacTec's decision to use a full-scale TRUPACT-III packaging with simulated contents for performing certification tests. PacTec is planning to submit a revised application to the NRC for review and approval in July 2006.

No regulatory decisions were made at the meeting. Future meetings will be held prior to performing any certification tests.

An attendance list is included as Attachment 1. Attachment 2 includes the handouts provided at the meeting.

Docket No.: 71-9305
TAC No.: L23827

Attachments: 1. Attendance List
2. Meeting Handout

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Attendees w/att. 1

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Meeting Between PacTec and the Nuclear Regulatory Commission
April 27, 2005

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Meraj Rahimi	NRC/SFPO
Brian Thomas	NRC/SFPO
Wayne Hodges	NRC/SFPO
Gordon Bjorkman	NRC/SFPO
Robert Lewis	NRC/SFPO
Kim Hardin	NRC/SFPO
Charles Interante	NRC/SFPO
Mahendra Shah	NRC/SFPO
Henry Lee	NRC/SFPO
Geoff Hornseth	NRC/SFPO
David Tang	NRC/SFPO
Jerry Chuang	NRC/SFPO
Earl Easton	NRC/SFPO
Antonio Dias	NRC/SFPO
Bob Tripathi	NRC/SFPO
J. Greg Field	PacTec
Phil Noss	PacTec
Gary Clark	PacTec
Wayne Henrey	PacTec
Dottie Brown	US DOE
Alton Harris	US DOE
Robert Johnson	Washington TRU Solutions
Phil Gregory	Washington TRU Solutions