

August 10, 2006

MEMORANDUM TO: William H. Ruland, Deputy Director  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

FROM: Kimberly Hardin, Project Manager **/RA/**  
Licensing Section  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF AUGUST 9, 2006, MEETING WITH DOE TO DISCUSS  
THE MODEL NO. ES-3100 PACKAGE FOR TRANSPORT OF FISSILE  
MATERIAL

Background

A meeting was held on August 9, 2006, in Rockville, Maryland to discuss the design of the Model No. ES-3100 transport package. The Department of Energy (DOE) requested a meeting to discuss several technical issues for a planned upcoming revision to Certificate of Compliance (CoC) No. 71-9315. DOE plans to submit this application by the end of September 2006.

The meeting was noticed on June 22, 2006, (ML061730152). 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 the upcoming Revision 2 to CoC for the Model No. ES-3100 transport package. DOE's contractor (BWXT Y-12) presented the major aspects of the expected request, including changes to the analyses to support air transport of fissile material, a change to the definition of pyrophoric uranium, and changes to the containment, shielding, and criticality analyses. A copy of the presentation slides is provided as Enclosure No. 3.

Staff plans to schedule the review when the application is received.

Docket No. 71-9315  
TAC No. L23991

cc: R. Boyle, Department of Transportation

Enclosures:

1. Meeting Attendees
2. Agenda
3. Presentation Slides

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### Distribution:

NRC Attendees BWhite  
G:\SFPO\Hardin\ES-3100\ES-3100 Meeting Summary 8-9-06.wpd

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**August 9, 2006, Meeting  
between  
DOE/BWXT Y-12  
and  
the Nuclear Regulatory Commission**

**MEETING ATTENDANCE LIST**

Kim Hardin	NRC/SFPO
Jeremy Smith	NRC/SFPO
Shana Helton	NRC/SFPO
Nancy Osgood	NRC/SFPO
David Tang	NRC/SFPO
Ron Parkhill	NRC/SFPO
Jerry Chuang	NRC/SFPO
Michel Call	NRC/SFPO
Robert Einziger	NRC/SFPO
Kenneth Armstrong	NRC/SFPO
Ed Kish	NRC/SFPO
Carl Withee	NRC/SFPO
Bob George	DOE/NNSA
Jeff Arbital	BWXT Y-12
Russ Schmidt	BWXT Y-12
George Singleton	BWXT Y-12
John DeClue	BWXT Y-12
Walter North	BWXT Y-12
Matt Feldman	ORNL

**Agenda for the  
NRC Pre-Application Meeting  
For ES-3100 Package Amendment Request**

1. Introduction
2. Discussion of Anticipated Revision 2 to CoC No. 71-9315
3. Anticipated Submittal Schedule
4. Question/Answer Session

**Enclosure 2**