



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 19, 2016

MEMORANDUM TO: Anthony Hsia, Deputy Director  
Division of Spent Fuel Management, NMSS

FROM: Bernard White, Senior Project Manager **/RA/**  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management, NMSS

SUBJECT: SUMMARY OF SEPTEMBER 12, 2016, MEETING WITH  
WESTINGHOUSE ELECTRIC COMPANY TO DISCUSS THE MODEL  
NO. TRAVELLER PACKAGE

Background

A meeting was held on September 12, 2016, in Rockville, Maryland, between the U.S. Nuclear Regulatory Commission (NRC) and Westinghouse Electric Company and its contractors to discuss and amendment to the Model No. Traveller package.

The meeting was noticed on August 12, 2016 (see Agencywide Documents Access and Management System (ADAMS) Accession No. ML16225A558). The meeting attendance list is provided as Enclosure No. 1, the non-proprietary presentation slides are provided in Enclosure No. 2, the proprietary presentation slides are provided in Enclosure No. 3.

Discussion

In the open portion of the meeting, Westinghouse provided an overview of the Traveller package, a discussion of the current NRC and Department of Transportation certificates issued for the package, a overview of the timeline for submission, and a brief discussion of the proposed changes to the criticality safety section of the application. Westinghouse noted that there will be conforming changes to other sections of the application.

In the revised criticality analysis Westinghouse will improve analysis method to be consistent with ANSI/ANS-8.17-2004, "Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors," method for establishing subcriticality; update the computation code version; and respond to request for additional information issued by Competent Authorities from other countries; and develop consolidated fuel assembly parameters. The intent of the consolidated fuel assembly parameters is to bound the current contents for criticality safety purposes and reduce the number of the certificate amendments to revise specific fuel assembly parameters.

CONTACT: Bernard H. White, DSFM/NMSS  
(301) 415-6577

In the closed portion of the meeting, Westinghouse discussed in more detail the consolidated fuel assembly parameters, including how they were developed from current approved fuel designs, and how these parameters were evaluated in the criticality analysis to determine the most reactive configuration.

Westinghouse is planning on submitting a revised criticality analysis in January 2017.

Docket No. 71-9297  
CAC Number: L25138

Enclosures:

1. Meeting Attendees
2. Non-Proprietary Presentation Slides
3. Proprietary Presentation Slides

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Distribution: NRC Attendees

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**ADAMS Package No.: ML16293A654 ADAMS Memo No.: ML16293A660**

**Encl 2: ML16293A667 Encl 3: ML16293A684**

OFC	DSFM	DSFM	DSFM
NAME	BWhite	SFiguroa via email	JMcKirgan
DATE	10/17/16	10/18/16	10/19/16

MEETING ATTENDEES

Meeting Title: Pre-application meeting with Nordion International

Participants: Nordion International and the NRC

Date: June 28, 2016, 1:00 – 3:00 p.m.

Location: U.S. NRC Headquarters, OWFN 16-B-04

<b>Name</b>	<b>Affiliation</b>
Bernie White	NRC/NMSS/DSFM
Meraj Rahimi	NRC/NMSS/DSFM
John McKirgan	NRC/NMSS/DSFM
Jason Piotter	NRC/NMSS/DSFM
Huda Akhavannik	NRC/NMSS/DSFM
Daniel Forsyth	NRC/NMSS/DSFM
William Stilwell	Westinghouse
Andy Langston	Daher-TLI
Tanya Sloma	Daher-TLI
Charles Murphy	Daher-TLI
Philip Sewell	Daher-TLI
On the phone	
Camille Zozula	Westinghouse
Brian Hempy	Westinghouse
Donna Gilmore	Member of the Public
Marvin Lewis	Member of the Public