



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

September 15, 2016

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

FROM: Bernard White, Senior Project Manager /RA J. McKirgan acting for/  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management, NMSS

SUBJECT: SUMMARY OF AUGUST 17, 2016, MEETING WITH THE AREVA INC.

Background

A meeting was held on August 17, 2016, in Rockville, Maryland, between the U.S. Nuclear Regulatory Commission (NRC) and AREVA Inc. (AREVA) to discuss proposed Amendment No. 15 to Certificate of Compliance No. 1004, for the Model No. Model No. Standardized NUHOMS® storage system.

The meeting was noticed on July 7, 2016 (see Agencywide Documents Access and Management System (ADAMS) Accession No. ML16189A346). 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

The proposed amendment will include items generic to all NUHOMS® systems and items specific to the NUHOMS®-32PTH1, -32PT, and the -61BTH storage casks. The scope of the amendment for all NUHOMS® systems include four items: requirements for solar shield, rain shield during transfer operations, simplification of fuel qualification tables, characterization of control components, and expanded cladding materials. For the NUHOMS®-32PT amendment will address up to 16 damaged fuel assemblies, include PRAs in Type A1 and Type A2 baskets and add fuel qualification tables for reduced uranium loading. For the NUHOMS®-32PTH1, the amendment will add new heat load zoning configurations (without and increase to the total heat load for the system), and add fuel qualification tables for reduced uranium loading (similar to Amendment 14). For the NUHOMS®-61BTH, the amendment will include new fuel types/ and separate enrichment limits for damaged fuel assemblies with channels.

During the proprietary discussion, AREVA added further details on items, including the proposed heat zone loading, methodology for evaluating damaged fuel, and inclusion of alternative poison rod assemblies.

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

**Upon removal of Enclosure 3, this document is uncontrolled.**

A. Hsia

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AREVA expects to submit the application for Amendment No. 15 to Certificate of Compliance No. 1004 in the first quarter of calendar year 2017.

Docket No.: 72-1004

CAC Number: L25131

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.: ML16263A151 ADAMS Memo No.: ML16263A159**

**Encl 2: ML16263A190 Encl 3: ML16263A197**

OFC	DSFM	DSFM	DSFM
NAME	BWhite	SFiguroa via emai	JMcKirgan
DATE	9/8 /16	9/8/16	9/15/16

MEETING ATTENDEES

Meeting Title: Pre-application meeting with ARVEA Inc.

Participants: ARVEA Inc. and the NRC

Date: August 17, 2016, 1:00 – 3:00 p.m.

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

<b>Name</b>	<b>Affiliation</b>	<b>Name</b>	<b>Affiliation</b>
Bernie White	NRC/NMSS/DSFM	On the phone	
Bob Tripathi	NRC/NMSS/DSFM	Kimberly Manzone	Holtec International
John McKirgan	NRC/NMSS/DSFM	Veena Gubbi	NJ EPA
Jimmy Chang	NRC/NMSS/DSFM	Ruth Thomas	Member of the Public
Mark Lombard	NRC/NMSS/DSFM	Donna Gilmore	Member of the Public
Shadi Ghrayeb	NRC/NMSS/DSFM		
Zhian LI	NRC/NMSS/DSFM		
Donald Chung	NRC/NMSS/DSFM		
Antonio Rigato	NRC/NMSS/DSFM		
Andrew Barto	NRC/NMSS/DSFM		
Anthony Hsia	NRC/NMSS/DSFM		
Zhian Li	NRC/NMSS/DSFM		
Prakash Narayanan	AREVA/TN		
Phlippe Pham	AREVA/TN		
Venkata Vanigalla	AREVA/TN		
Abbey Donahue	AREVA/TN		
Dennis Williford	AREVA/TN		
Don Shaw	AREVA/TN		
Veeresh Sayagavi	AREVA/TN		
William Casino	AREVA/TN		
Shannon Buschner	AREVA/TN		