

May 4, 2017

MEMORANDUM TO: Kevin Hsueh, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Jonathan G. Rowley, Project Manager /RA/  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 1 AND 2, 2016, CLOSED MEETING WITH  
AREVA INC. REGARDING FUEL PERFORMANCE

On June 1 and 2, 2016, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of AREVA Inc. (AREVA) at the NRC headquarters campus, Rockville, MD to discuss proprietary information regarding AREVA fuel performance and future plans. The meeting was used to increase the NRC staff's understanding of AREVA's fuel activities, fuel operating experience, and advanced codes and methods. Also, customer needs associated with submitted and planned topical reports were discussed.

The morning of June 1 consisted of a discussion between NRC Office of Nuclear Reactor Regulation (NRR) management and AREVA management regarding the reviews of various topical reports (TRs) and the TR review process. NRR updated AREVA on the pilot review process being used to review one of the AREVA TRs and on the TR change management process development. AREVA also informed NRR management of its regulatory perspectives and fuel product implementation plans. The afternoon of June 1 consisted of discussions of fuel performance related to boiling water reactor (BWR) fuel designs. The following topics were discussed: BWR operating experience and fuel exams, BWR advance engineering methods, BWR TRs, and ATRIUM 11 irradiation program.

Day two of the meeting consisted of technical staff discussions on pressurized water reactor (PWR) fuel designs. The following topics were discussed: PWR fuel designs and operating experience, PWR TRs, PWR fuel loss-of-coolant accident method, PWR advanced methods, and AREVA program on enhanced accident tolerant fuel. Additionally, the NRC staff gave updates on alternative maximum critical power ratio safety limits, revisions to reactivity insertion accident criteria, and the Title 10 of the *Code of Federal Regulations* Part 50.46c rule change.

The list of attendees is enclosed. Meeting slides can be found at Agencywide Documents Access and Management System Accession No. ML16176A287 (proprietary)/ML16176A286 (non-proprietary).

Project No. 728

Enclosure:  
List of Attendees

Contact: Jonathan G. Rowley, NRR/DPR  
(301) 415-4053

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**ADAMS Accession Nos.: ML17110A593 (Summary); ML16176A287/ML16176A286  
(Slides); ML17110A583 (Package) NRC-001**

<b>OFFICE</b>	DPR/PLPB/PM	PLPB/BC	PLPB/PM
<b>NAME</b>	JRowley	KHsueh	JRowley
<b>DATE</b>	4/20/17	5/3/17	5/4/17

**OFFICIAL RECORD COPY**

List of Attendees

2016 AREVA INC. FUEL PERFORMANCE MEETING

June 1-2, 2016

<b>Name</b>	<b>Organization</b>
Robert Schnepf*	AREVA Inc. (AREVA)
Robert Freeman	AREVA
Alan Meginnis*	AREVA
Gary Peters	AREVA
Ronda Pederson	AREVA
Florin Curca-Tivig	AREVA
Kevin Segard	AREVA
Ken Green*	AREVA
Joshua Parker	AREVA
Steven Cole	AREVA
Brett Matthews	AREVA
Chris Lewis	AREVA
Brian Friend	AREVA
Kevin Quick	AREVA
Dan Tinkler	AREVA
Lisa Gerken	AREVA
Nathan Hottle	AREVA
John Massari	Exelon Corporation
Jonathan Rowley	U.S. Nuclear Regulatory Commission (NRC)
Ian Porter	NRC
Paul Clifford	NRC
Joshua Whitman	NRC
Mirela Gavrillas	NRC
Harold Scott	NRC
Matthew Hardgrove	NRC
Robert Taylor	NRC
Kevin Heller	NRC
Jeremy Dean	NRC
Reed Anzalone	NRC
Joshua Borromeo	NRC
Summer Sun	NRC
Eric Oesterle	NRC
Louise Lund	NRC
Joshua Kaizer	NRC
Tim McGinty	NRC
Scott Krepel	NRC
Daniel Beacon	NRC
Michelle Bales	NRC

\*via telephone conferencing