

December 20, 2017

MEMORANDUM TO: Dennis C. Morey, Chief  
Licensing Processes Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF NOVEMBER 4, 2016, CLOSED PRE-SUBMITTAL  
MEETING WITH AREVA INC. REGARDING A TOPICAL  
REPORT ON THE BEST ESTIMATE OPTION III  
METHODOLOGY

On November 4, 2016, a closed pre-submittal meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and AREVA Inc. (AREVA). During the meeting, AREVA informed the NRC staff of the development and plans for a Topical Report (TR) on a methodology to address the current need for the use of multiple computational components to determine the two recirculation pump trip minimum critical power ratio response. The RAMONA5-FA Best Estimate Option III (BEO-III) provides best-estimate plus uncertainty analyses of the event scenario and eliminates the conservatisms of the multiple component approach. AREVA detailed how the RAMONA5-FA code can be repurposed for statistical analyses of the event scenario. AREVA went over the prioritization factors as they relate to RAMONA5-FA BEO-III, the background of RAMONA5-FA BEO-III, and the RAMONA5-FA BEO-III methodology elements. The NRC staff provided feedback to AREVA on what was discussed.

A list of attendees is enclosed. The AREVA presentation material can be found in the Agencywide Documents Access and Management System at Accession Nos. ML16342A995 (proprietary) and ML16342A994 (non-proprietary).

Project No. 728

Docket No. 99902041

Enclosure:  
List of Attendees

CONTACT: Jonathan G. Rowley, DLP/PLPB  
(301) 415-4053

SUBJECT: SUMMARY OF NOVEMBER 4, 2016, CLOSED PRE-SUBMITTAL MEETING WITH AREVA INC. REGARDING A TOPICAL REPORT ON THE BEST ESTIMATE OPTION III METHODOLOGY DATED: DECEMBER 20, 2017

DISTRIBUTION:

PUBLIC  
PLPB R/F  
JRowley, NRR  
DMorey, NRR  
BLukes, NRR  
JBorromeo, NRR  
DSaenz, NRR  
MPanicker, NRR  
RidsNrrLADHarrison  
RidsNroOd  
RidsNrrDss  
RidsNrrDssSnpb  
RidsNrrDssSrxb  
RidsOgcMailCenter  
RidsNrrDlp  
RidsNrrDlpPlpb  
RidsResOd  
RidsACRS\_MailCTR

EXTERNAL DISTRIBUTION:

[alan.meginnis@areva.com](mailto:alan.meginnis@areva.com)      [yousef.farawila.ext@areva.com](mailto:yousef.farawila.ext@areva.com)  
[kevin.quick@areva.com](mailto:kevin.quick@areva.com)      [daniel.tinkler@areva.com](mailto:daniel.tinkler@areva.com)  
[gary.peters@areva.com](mailto:gary.peters@areva.com)

**ADAMS Accession Nos.: ML17349A658; Pkg.: ML17349A653; \*via e-mail;  
Notice: ML16305A127; Presentations: ML16342A994/ML16342A995 NRC-001**

<b>OFFICE</b>	PLPB/PM	PLPB/BC	PLPB/PM
<b>NAME</b>	JRowley	DMorey	JRowley
<b>DATE</b>	12/15/17	12/20/17	12/20/17

**OFFICIAL RECORD COPY**

List of Attendees

**Closed Pre-Submittal Meeting with AREVA Regarding Best Estimate Option III**

November 4, 2016

<b>Name</b>	<b>Organization</b>
Gary Peters	AREVA
Kevin Quick	AREVA
Alan Meginnis	AREVA
Yousef Farawila	AREVA
Daniel Tinkler	AREVA
Jonathan Rowley	U.S. Nuclear Regulatory Commission (NRC)
Diego Saenz	NRC
Joshua Borrromeo	NRC
Mathew Panicker	NRC

Enclosure