

February 2, 2016

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: FORTHCOMING CLOSED PRE-SUBMITTAL MEETING WITH  
AREVA NP, INC. REGARDING CRITICAL HEAT FLUX  
CORRELATIONS FOR THE GAIA FUEL ASSEMBLY DESIGN

DATE & TIME: Wednesday, February 10, 2016  
9:00 a.m. - 12:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)  
One White Flint North, Room O-10B06  
11555 Rockville Pike  
Rockville, MD 20855

PURPOSE: The purpose of the pre-submittal meeting is to discuss the  
forthcoming AREVA NP, Inc. (AREVA) topical report (TR) on the  
critical heat flux (CHF) correlations for the GAIA fuel assembly design.  
AREVA will discuss with the NRC staff two CHF correlations  
developed by AREVA applicable to the GAIA fuel assembly design.  
The NRC staff feedback may be used to modify the final TR.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear  
Reactor Regulation.

<u>NRC</u>	<u>AREVA</u>
Joshua Kaizer	Nathan Hottle
Reed Anzalone	Steven Lydzinski
Jonathan Rowley, et al.	Mihnea Anghelescu, et al.

Project No. 728

Enclosure:  
Agenda

MEETING CONTACT: Jonathan G. Rowley  
301-415-4053  
[Jonathan.Rowley@nrc.gov](mailto:Jonathan.Rowley@nrc.gov)

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<b>OFFICE</b>	PLPB/PM	PLPB/LA*	PLPB/BC	PLPB/PM
<b>NAME</b>	JRowley	DHarrison	KHsueh	JRowley
<b>DATE</b>	02/01/2016	02/01/2016	02/01/2016	02/02/2016

**OFFICIAL RECORD COPY**

## AGENDA

### UNITED STATES NUCLEAR REGULATORY COMMISSION (NRC) CLOSED MEETING WITH AREVA NP, INC. (AREVA) REGARDING CRITICAL HEAT FLUX (CHF) CORRELATIONS FOR THE GAIA FUEL ASSEMBLY DESIGN

February 10, 2016

<u>TIME</u>	<u>TOPIC</u>	<u>LEAD</u>
9:00 a.m.	Introductions and Opening Remarks	NRC/AREVA
9:10 a.m.	Objectives and Schedule	AREVA
9:15 a.m.	GAIA Fuel Assembly and CHF Testing <ul style="list-style-type: none"><li>• GAIA Fuel Assembly Design</li><li>• GAIA Operational Experience</li><li>• CHF Testing Facilities</li><li>• CHF Testing and Correlations</li><li>• Preliminary Results</li></ul>	AREVA
10:30 a.m.	Break	
10:45 a.m.	GAIA Fuel Assembly and CHF Testing (continued)	AREVA
11:30 a.m.	Topical Report Content	AREVA
11:45 a.m.	Summary and Discussions	
11:55 a.m.	Closing Remarks	NRC/AREVA
12:00 p.m.	Adjourn	

Enclosure