

May 8, 2013

MEMORANDUM TO: John Segala, Chief  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Michael Miernicki, Senior Project Manager */RA/*  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: NOTICE OF FORTHCOMING CLOSED TELECONFERENCE MEETING  
WITH AREVA NP TO DISCUSS U.S. EPR DESIGN CERTIFICATION  
POSTULATED PIPING RUPTURE BLAST EFFECTS EVALUATION  
COMPUTER PROGRAM VERIFICATION AND VALIDATION RESULTS

DATE & TIME: May 21, 2013  
8:30 A.M. to 10:30 A.M.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)  
Two White Flint  
Room T10-C04  
11545 Rockville Pike  
Rockville, MD 20852

PURPOSE: AREVA NP will discuss results of the Validation & Verification for the ANSYS FLUENT program and the methodology to be used for blast wave analysis for the U.S. EPR. The objective of the meeting is to: (1) obtain feedback on the methodologies used for Computational Fluid Dynamic analysis for the U.S. EPR (2) address previous NRC staff comments regarding performance of independent confirmatory analysis; and (3) address the response to Request for Additional Information (RAI) 354, Question 03.06.02-35. This is a follow-up meeting to the public meeting with AREVA NP on this topic conducted on January 29, 2013. Enclosed is the meeting agenda.

TELECONFERENCE: The staff has determined that the information to be discussed is proprietary; therefore, the teleconference will be closed to the public.

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PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO) and AREVA NP.

NRC

Y. Li, NRO

M. Miernicki, NRO, et.al.

AREVA NP

L. Gucwa, et.al.

Docket: 52-020

Enclosure:  
Meeting Agenda

cc: See next page

J. Segala

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Docket: 52-020

Enclosure:  
Meeting Agenda

cc: See next page

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<b>OFFICE</b>	DNRL/LB1:PM	DNRL/LB1:LA	DNRL/LB1:PM
<b>NAME</b>	MMiernicki	JMcLellan	MMiernicki
<b>DATE</b>	05/07/2013	05/08/2013	05/08/2013

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## **AGENDA**

### TELECONFERENCE MEETING WITH AREVA NP TO DISCUSS U.S. EPR POSTULATED PIPING RUPTURE BLAST EFFECTS EVALUATION COMPUTER PROGRAM VERIFICATION AND VALIDATION RESULTS

May 21, 2013  
8:30 A.M. to 10:30 A.M.  
Two White Flint  
Room 10-C04  
Rockville, MD 20852

<u>Time</u>	<u>Topic</u>	<u>Led by</u>
8:30 A.M.	Introductory Remarks	NRC/AREVA
8:40 A.M.	Background and Meeting Purpose	AREVA
8:45 A.M.	Discussion of program V&V, and comparison of analytical results to published studies	AREVA
	Discussion of numerical settings, methodologies to be applied to blast wave analysis	
	Validation of numerical settings, methodologies, using a 2-D steam pipe rupture, comparison to published studies	
10:15 A.M.	Issue closure discussion	NRC/AREVA
10:30 A.M.	Adjourn	

ENCLOSURE

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(Revised 04/15/2013)

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