

October 27, 2016

Mr. Gary Peters, Director
Licensing and Regulatory Affairs
AREVA Inc.
3315 Old Forest Road
Lynchburg, VA 24501

SUBJECT: ACCEPTANCE FOR REVIEW OF AREVA INC. TOPICAL REPORT
ANP-10332P, REVISION 0, "AURORA-B: AN EVALUATION MODEL FOR
BOILING WATER REACTORS; APPLICATION TO LOSS OF COOLANT
ACCIDENT SCENARIOS" (CAC NO. MF3829)

Dear Mr. Peters

By letter dated March 25, 2014 (Agencywide Documents Access and Management System Accession Number ML14091A222), AREVA Inc. (AREVA) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) ANP-10332P, Revision 0, "AURORA-B: An Evaluation model for Boiling Water Reactors; Application to Loss of Coolant Accident Scenarios." The NRC staff has performed an acceptance review of TR ANP-10332P, Revision 0. We have found that the material presented is sufficient to begin our comprehensive review. The NRC staff expects to issue its request for additional information by April 28, 2017, and issue its draft safety evaluation (SE) by March 30, 2018. This schedule information takes in consideration the NRC's current review priorities and available technical resources and may be subject to change. If modifications to these dates are deemed necessary, we will provide appropriate updates to this information. The NRC staff estimates that the review will require approximately 2,100 staff hours including project management and contractor time. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between AREVA Product Licensing Manager, Alan Meginnis, and the NRC staff on October 14, 2016 and subsequent periodic scheduling update calls.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

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If you have questions regarding this matter, please contact Jonathan G. Rowley at (301) 415-4053.

Sincerely,

/RA/

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

Project No. 728

If you have questions regarding this matter, please contact Jonathan G. Rowley at (301) 415-4053.

Sincerely,

/RA/

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

Project No. 728

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NRR-106

OFFICE	PLPB/PM	PLPB/LA*	SNPB/BC*	PLPB/BC*
NAME	JRowley	DHarrison	RLukes	KHsueh
DATE	10/14/2016	10/26/2016	10/27/2016	10/27/2016

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