

October 18, 2017

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  
BAW-10227, REVISION 1, SUPPLEMENT 1P "EVALUATION OF ADVANCED  
CLADDING AND STRUCTURAL MATERIAL (M5) IN PWR REACTOR FUEL"  
(CAC NO. MF9716)

Dear Mr. Peters

By letter dated May 4, 2017 (Agencywide Documents Access and Management System Accession Number ML17130A708), AREVA Inc. (AREVA) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) BAW-10227, Revision 1, Supplement 1P, "Evaluation of Advanced Cladding and Structural Material (M5) in PWR [Pressurized Water Reactor] Reactor Fuel." The NRC staff has performed an acceptance review of TR BAW-10227, Revision 1, Supplement 1P. We have found that the material presented is sufficient to begin our review. The NRC staff expects to issue its request for additional information by November 2, 2018, and issue its draft safety evaluation (SE) by July 26, 2019. 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 400 staff hours including project management and contractor time. The review schedule milestones and estimated review costs were discussed and agreed upon in an email exchange between AREVA Product Licensing Manager, Nathan Hottle, and the NRC staff on October 9, 2017.

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.

G. Peters

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

Sincerely,

***/RA/***

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

Project No. 728

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**ADAMS Accession No.: ML17283A261; \* via e-mail****NRR-106**

OFFICE	PLPB/PM	PLPB/LA*	SNPB/BC	PLPB/BC
NAME	JRowley	DHarrison	RLukes	DMorey
DATE	10/10/17	10/12/17	10/16/17	10/18/17

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