



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 22, 2018

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

SUBJECT: VERIFICATION LETTER OF THE APPROVAL VERSION OF FRAMATOME INC. TOPICAL REPORT ANP-10300P-A, REVISION 1, "AURORA-B: AN EVALUATION MODEL FOR BOILING WATER REACTORS; APPLICATION TO TRANSIENT AND ACCIDENT SCENARIOS" (CAC NO. ME2979; EPID L-2009-TOP-0004)

Dear Mr. Peters:

By letter dated June 26, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18186A178), Framatome Inc. (Framatome, formerly AREVA Inc.) submitted an approval ("-A") version of Topical Report (TR) ANP-10300P-A, Revision 1, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios," to the U.S. Nuclear Regulatory Commission (NRC) staff. Framatome has done so in accordance with our request to publish approval proprietary and non-proprietary versions of this TR, as detailed in the transmittal letter dated January 5, 2018, of the NRC staff's final safety evaluation (ADAMS Accession No. ML17346B115) for the original TR.

The NRC staff has completed its review of the approval version of the TR. The NRC staff verified that Framatome has met the requirements and determined that the submitted "-A" versions are acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the accepted versions of the TR. TR ANP-10300P-A, Revision 1, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios," is now approved for use in future licensing actions.

Please contact Jonathan G. Rowley of my staff at (301) 415-4053 if you have on questions on this subject.

Sincerely,

/RA/

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

Docket No. 99902041



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**ADAMS Accession No.: ML18213A188**

**\*concurrence via e-mail NRR-106**

OFFICE	NRR/DLP/PLPB	NRR/DLP/PLPB*	NRR/DSS/SNPB	NRR/DLP/PLPB
NAME	JRowley	DHarrison	RLukes	DMorey
DATE	08/02/2018	08/07/2018	08/20/2018	08/22/2018

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