

October 18, 2017

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

SUBJECT: VERIFICATION LETTER OF THE APPROVAL VERSION OF AREVA INC.
TOPICAL REPORT BAW-10247PA, REVISION 0, SUPPLEMENT 1P-A,
REVISION 0, "REALISTIC THERMAL-MECHANICAL FUEL ROD METHODOLOGY
FOR BOILING WATER REACTORS SUPPLEMENT 1: QUALIFICATION OF
RODEX4 FOR RECRYSTALLIZED ZIRCALOY-2 CLADDING" (CAC NO. MG0271)

Dear Mr. Peters:

By letter dated July 21, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17206A243), AREVA Inc. (AREVA) submitted an approval ("-A") version of Topical Report (TR) BAW-10247PA, Revision 0, Supplement 1P-A, Revision 0, "Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors Supplement 1: Qualification of RODEX4 for Recrystallized Zircaloy-2 Cladding," to the U.S. Nuclear Regulatory Commission (NRC) staff. AREVA 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 April 21, 2017, of the NRC staff's final safety evaluation (ADAMS Accession No. ML17111A710) for the original TR.

The NRC staff has completed its review of the approval version of the TR. The NRC staff verified that AREVA 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 BAW-10247PA, Revision 0, Supplement 1P-A, Revision 0, "Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors Supplement 1: Qualification of RODEX4 for Recrystallized Zircaloy-2 Cladding," 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

Project No. 728

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DATED: OCTOBER 18, 2017

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NAME	JRowley, Jr.	DHarrison	RLukes	DMorey
DATE	10/6/2017	10/3/2017	10/6/2017	10/18/2017

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