

November 21, 2017

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

SUBJECT: REVISED FINAL SAFETY EVALUATION FOR AREVA INC. TOPICAL REPORT
BAW-10179P, REVISION 9, "SAFETY CRITERIA AND METHODOLOGY FOR
ACCEPTABLE CYCLE RELOAD ANALYSES" (CAC NO. MF8167)

Dear Mr. Peters:

By letter dated April 15, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16106A285), AREVA Inc. (AREVA) submitted Topical Report (TR) BAW-10179P, Revision 9, "Safety Criteria and Methodology for Acceptable Cycle Reload Analyses," to the U.S. Nuclear Regulatory Commission (NRC) staff for review and approval. By letter dated September 11, 2017 (ADAMS Accession No. ML17199Q901), an NRC draft safety evaluation (SE) regarding our approval of TR BAW-10179P, Revision 9, was provided for your review and comment. By letter dated October 5, 2017 (ADAMS Accession No. ML17283A111), AREVA provided comments on the draft SE. The NRC staff's disposition of the AREVA comments on the draft SE are discussed in the attachment (ADAMS Accession No. ML17279A960) to the revised final SE enclosed with this letter.

By letter dated November 2, 2017 (ADAMS Accession No. ML17279A980), the original final SE was issued informing AREVA that the NRC staff has found that TR BAW-10179P, Revision 9, is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the final SE, which defines the basis for NRC acceptance of the TR. Upon receipt of the original final SE, AREVA identified that the draft SE for another TR was referenced when the final SE for that TR exist. The NRC staff has corrected the reference. The revised final SE enclosed with this letter supersedes the original final SE issued on November 2, 2017

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in licensing action requests, our review will ensure that the material presented applies to the specific plant involved. Requests for licensing actions that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

The enclosure transmitted herewith contains Proprietary Information. When separated from the enclosure, this transmittal document is decontrolled.

G. Peters

- 2 -

In accordance with the guidance provided on the NRC website, we request that AREVA publish approved versions of TR BAW-10179P, Revision 9, within 3 months of receipt of this letter. The approved versions shall incorporate this letter and the enclosed final SE after the title page. Also, they must contain historical review information, including NRC requests for additional information and your responses. The approved versions shall include an "-A" (designating approved) following the TR identification symbol.

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TR were provided to the NRC staff to support the resolution of RAI responses, and if the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an Appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, AREVA will be expected to revise the TR appropriately or justify its continued applicability for subsequent referencing. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

Sincerely,

/RA/

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

Project No. 728

Enclosure:
Final Safety Evaluation (Proprietary)

G. Peters

- 3 -

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BAW-10179P, REVISION 9, "SAFETY CRITERIA AND METHODOLOGY FOR
ACCEPTABLE CYCLE RELOAD ANALYSES" (CAC NO. MF8167)
DATED: NOVEMBER 21, 2017

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**ADAMS Accession Nos.: ML17362A128 (letter); ML17318A698 (SE);
ML17362A127 (Pkg.); ML17279A960 (Attachment); *via e-mail NRR-106**

OFFICE	NRR/DLP/PLPB	NRR/DLP/PLPB
NAME	JRowley	DMorey
DATE	11/14/17	11/21/17

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