

May 21, 2008

Mr. Ronnie L. Gardner, Manager  
Site Operations and Regulatory Affairs  
AREVA NP Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

SUBJECT: FINAL SAFETY EVALUATION FOR AREVA NP, INC.(AREVA) TOPICAL  
REPORT (TR) BAW-10255(P) REVISION 2, "CYCLE-SPECIFIC DIVOM  
METHODOLOGY USING THE RAMONA5-FA CODE" (TAC NO. MC9767)

Dear Mr. Gardner:

By letter dated January 30, 2006 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML060330502), Framatome ANP, now known as AREVA, submitted TR BAW-10255(P), Revision 0, "Cycle Specific DIVOM Methodology using the RAMONA5-FA Code," to the U.S. Nuclear Regulatory Commission (NRC) staff for review. By letter dated November 9, 2007 (ADAMS Accession No. ML073120256), the NRC provided copies of the NRC staff's draft safety evaluation (SE) for TR BAW-10255(P), Revision 0, to AREVA for review and comment.

On November 15, 2007, the NRC Advisory Committee on Reactor Safeguards (ACRS) convened to review TR BAW-10255(P), Revision 0, and its associated draft SE. As a result, a revised NRC draft SE regarding NRC approval of TR ANP-10262, Revision 0, was provided for your review and comments on December 3, 2007 (ADAMS Accession No. ML073331078). The ACRS again convened on December 6, 2007, to review TR BAW-10255(P), Revision 0, and its associated revised draft SE. By letter dated December 27, 2007 (ADAMS Accession No. ML073440135), the ACRS provided its conclusions and recommendations. As a result of the ACRS review, and subsequent NRC staff discussions, the NRC staff requested additional information on January 29, 2008 (ADAMS Accession No. ML080250416). By letters dated February 8, 2008, March 4, 2008, and April 4, 2008 (ADAMS Accession Nos. ML080440086, ML080660123, and ML080990061, respectively), AREVA responded to the NRC staff request for additional information (RAI) questions resulting from the ACRS review of the revised draft SE. On May 15, 2008 (ADAMS Accession No. ML081360285), AREVA noted that it had no comments on the draft SE, other than the response to the RAI. The NRC staff's disposition of the RAI response to the draft SE is discussed in the attachment to the final SE enclosed with this letter.

The NRC staff has found that TR BAW-10255(P), Revision 0, is acceptable for referencing in licensing applications for boiling water reactors, for which an operating license was issued under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50 prior to the date of this letter, to the extent specified and under the limitations delineated in the TR and in the enclosed final SE. The final SE defines the basis for acceptance of the TR.

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 license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that AREVA publish accepted proprietary and non-proprietary versions of this TR within three months of receipt of this letter. The accepted 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 accepted versions shall include a "-A" (designating accepted) following the TR identification symbol.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, AREVA and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

**/RA/**

Ho K. Nieh, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 728

Enclosure 1: Proprietary Final SE  
Enclosure 2: Non-Proprietary Final SE

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**Package Accession No. ML081300144**

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**Proprietary Final SE Accession No. ML081300129**

**Non-Proprietary Final SE Accession No. ML081410094      \*No major changes to SE input.      NRR-043**

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