

October 2, 2013

Mr. Pedro Salas, Manager  
Site Operations and Regulatory Affairs  
AREVA NP Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

SUBJECT: VERIFICATION LETTER OF THE APPROVAL VERSION OF AREVA NP INC.  
TOPICAL REPORT EMF-3028P-A, VOLUME 2, REVISION 4, "RAMONA5-FA:  
A COMPUTER PROGRAM FOR BWR [BOILING WATER REACTOR]  
TRANSIENT ANALYSIS IN THE TIME DOMAIN: THEORY MANUAL"  
(TAC NO. MF1950)

Dear Mr. Salas:

By letter dated June 3, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13155A493), AREVA NP Inc. (AREVA) submitted an approval ("-A") version of Topical Report (TR) EMF-3028P-A, Volume 2, Revision 4, "RAMONA5-FA: A Computer Program for BWR Transient Analysis in the Time Domain: Theory Manual," 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 of the NRC staff's final safety evaluation (SE) (ADAMS Accession No. ML12318A207) 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 EMF-3028P-A, Volume 2, Revision 4, "RAMONA5-FA: A Computer Program for BWR Transient Analysis in the Time Domain: Theory Manual," is now approved for use in future licensing actions as specified in the final SE.

In letter dated August 1, 2013 (ADAMS Accession No. ML13217A369), AREVA requested that the NRC staff issue a revised final SE of TR BAW-10255(P) Revision 2, "Cycle-Specific DIVOM Methodology Using the RAMONA5-FA Code" (DIVOM), dated May 21, 2008 (ADAMS Package Accession No. ML081300144). In lieu of issuing a revised DIVOM SE, the NRC staff has documented in the final SE of EMF-3028P that the approval of EMF-3028P removes license conditions 2 and 3 from the DIVOM SE.

P. Salas

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Please contact Joseph A. Golla of my staff at (301) 415-1002 if you have on questions on this subject.

Sincerely,

*/RA/*

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 728

P. Salas

- 2-

Please contact Joseph A. Golla of my staff at (301) 415-1002 if you have on questions on this subject.

Sincerely,

*/RA/*

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 728

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**NRR-106**

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