

September 12, 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 ANP-10311P-A, REVISION 0, "COBRA-FLX: A CORE
THERMAL-HYDRAULIC ANALYSIS CODE TOPICAL REPORT"
(TAC NO. MF1949)

Dear Mr. Salas:

By letter dated May 3, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13135A153), AREVA NP Inc. (AREVA) submitted an approval ("-A") version of Topical Report (TR) ANP-10311P-A, Revision 0, "COBRA-FLX: A Core Thermal-Hydraulic Analysis Code Topical Report," 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 (ADAMS Accession No. ML12193A680) 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 ANP-10311P-A, Revision 0, "COBRA-FLX: A Core Thermal-Hydraulic Analysis Code Topical Report," is now approved for use in future licensing actions.

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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