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August 12, 2011

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

SUBJECT: DRAFT SAFETY EVALUATION FOR AREVA NP, INC (AREVA) TOPICAL
REPORT (TR) ANP-10311P, REVISION 0, "COBRA-FLX: A CORE THERMAL-
HYDRAULIC ANALYSIS CODE" (TAC NO. ME3909)

Dear Mr. Salas:

By letter dated March 31, 2010 (Agencywide Documents Access and Management System Accession No. ML101550173), AREVA NP, Inc. (AREVA) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review TR ANP-10311P, Revision 0, "COBRA-FLX: A Core Thermal-Hydraulic Analysis Code." Enclosed for AREVA review and comment is a copy of the NRC staff's draft safety evaluation (SE) for the TR.

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we believe that the enclosed draft SE may contain proprietary information. However, we have not marked the specific proprietary information and are providing you with the opportunity to comment on the proprietary aspects. If you believe that any information in the enclosure is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390.

Twenty working days are provided for you to comment on the proprietary aspects and provide any factual errors or clarity concerns contained in the SE. The final SE will be issued after making any necessary changes and a non-proprietary version will be made publicly available. The NRC staff's disposition of your comments on the draft SE will be discussed in the final SE. The final SE will be issued after making any necessary changes and will be made publicly available.

NOTICE: The Enclosure transmitted herewith contains proprietary information. When separated from the Enclosure, this document is decontrolled.

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To facilitate the NRC staff's review of your comments, please provide a marked-up copy of the draft SE showing proposed changes and provide a summary table of the proposed changes.

If you have any questions, please contact Holly Cruz at (301) 415-1053.

Sincerely,

SStuchell for **/RA/**

John R. Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 728

Enclosure: Draft SE

-2-

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ADAMS ACCESSION NO.: ML11130A135 ***No major changes to SE input** **NRR-106**

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