



August 3, 2011
NRC:11:082

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Informational Transmittal of Supplemental Information for Review of ANP-10300P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient Accident Scenarios"

- Ref. 1: Letter, R.L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of ANP-10300P, Revision 0, 'AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient Accident Scenarios'," NRC:09:134, December 18, 2009.
- Ref. 2: Letter, P. Salas (AREVA NP Inc.) to Document Control Desk (NRC), "Response to a Draft Request for Additional Information Regarding ANP-10300P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient Accident Scenarios"," NRC:11:081, August 3, 2011.

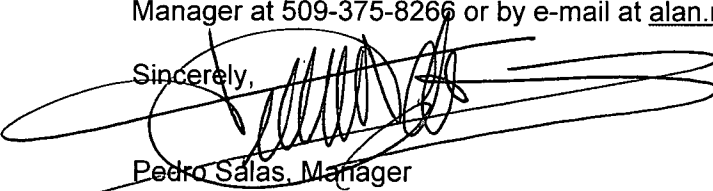
Enclosed for the NRC's information are documents to support the review of the topical report submitted to the NRC in Reference 1 and the draft RAI response of Reference 2. These documents are submitted for information only and are not being submitted for review. As such, no review fee or separate Safety Evaluation (SE) is expected. The enclosures are as follows:

- 51-9079012-000, "Guidelines for Input Development and Problem Execution for Analysis of BWR Events," AREVA NP Inc., November 2009
- EMF-1833(P) Revision 8, MICROBURN-B2 Steady State BWR Core Physics Methods, AREVA NP Inc., May 2010
- EMF-2994 Revision 4, RODEX4: Thermal-Mechanical Fuel Rod Performance Code Theory Manual, Framatome ANP Inc., December 2009

AREVA NP Inc. (AREVA NP) considers the enclosures to be proprietary in their entirety. As required by 10 CFR 2.390(b), an affidavit is enclosed to support the withholding of the information from public disclosure.

If you have any questions related to this submittal, please contact Mr. Alan B. Meginnis, Product Licensing Manager at 509-375-8266 or by e-mail at alan.meginnis@areva.com.

Sincerely,



Pedro Salas, Manager
Corporate Regulatory Affairs
AREVA NP Inc.

Enclosure
cc: H.D. Cruz
Project 728

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NRK

A F F I D A V I T

COMMONWEALTH OF VIRGINIA)
) ss.
COUNTY OF CAMPBELL)

1. My name is Pedro Salas. I am Manager, Corporate Regulatory Affairs for AREVA NP Inc. and as such I am authorized to execute this Affidavit.

2. I am familiar with the criteria applied by AREVA NP to determine whether certain AREVA NP information is proprietary. I am familiar with the policies established by AREVA NP to ensure the proper application of these criteria.

3. I am familiar with the AREVA NP information contained in, "Informational Transmittal of Supplemental Information for Review of ANP-10300P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient Accident Scenarios," and referred to herein as "Document." Information contained in this Document has been classified by AREVA NP as proprietary in accordance with the policies established by AREVA NP for the control and protection of proprietary and confidential information.

4. This Document contains information of a proprietary and confidential nature and is of the type customarily held in confidence by AREVA NP and not made available to the public. Based on my experience, I am aware that other companies regard information of the kind contained in this Document as proprietary and confidential.

5. This Document has been made available to the U.S. Nuclear Regulatory Commission in confidence with the request that the information contained in this Document be withheld from public disclosure. The request for withholding of proprietary information is made in accordance with 10 CFR 2.390. The information for which withholding from disclosure is

requested qualifies under 10 CFR 2.390(a)(4) "Trade secrets and commercial or financial information".

6. The following criteria are customarily applied by AREVA NP to determine whether information should be classified as proprietary:

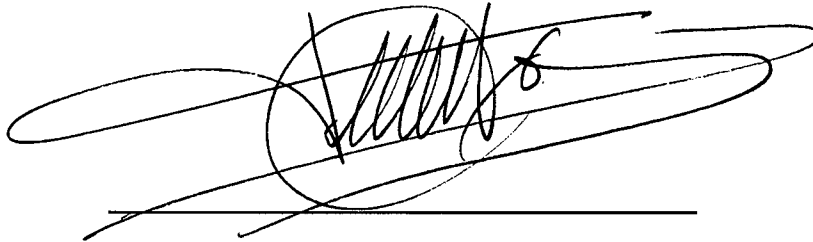
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or service.
- (c) The information includes test data or analytical techniques concerning a process, methodology, or component, the application of which results in a competitive advantage for AREVA NP.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for AREVA NP in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by AREVA NP, would be helpful to competitors to AREVA NP, and would likely cause substantial harm to the competitive position of AREVA NP.

The information in the Document is considered proprietary for the reasons set forth in paragraphs 6(b) and 6(c) above.

7. In accordance with AREVA NP's policies governing the protection and control of information, proprietary information contained in this Document has been made available, on a limited basis, to others outside AREVA NP only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. AREVA NP policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

9. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

A large, stylized handwritten signature in black ink, featuring a prominent circular flourish and a long horizontal stroke extending to the right.

SUBSCRIBED before me this 3rd
day of August, 2011.

A handwritten signature in black ink that reads "Kathleen A. Bennett". The signature is written in a cursive style with a horizontal line underneath.

Kathleen A. Bennett
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 8/31/2015
Reg. #110864

