

December 22, 2016 NRC:16:040

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U.S. Nuclear Regulatory Commission Document Control Desk 11555 Rockville Pike Rockville, MD 20852

Informational Transmittal of Supplemental Information for Review of Topical Report ANP-10332P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Loss of Coolant Accident Scenarios"

Ref. 1: Letter P. Salas (AREVA Inc.) to Document Control Desk (NRC), "Request for Review and Approval of ANP-10332P, Revision 0, 'AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Loss of Coolant Accident Scenarios'," NRC:14:011, March 25, 2014.

Enclosed are sample problem input and output files to support the review of the topical report submitted to the NRC in Reference 1. These computer files are submitted for information only and are not being submitted for review. As such, no review fees or separate Safety Evaluation (SE) are expected.

AREVA considers the material contained on the enclosed Computer Discs to be proprietary in its 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 information, please contact Mr. Alan B. Meginnis by telephone at (509) 375-8266, or by e-mail at <u>Alan.Meginnis@areva.com</u>.

Sincerely, Gary Peters, Director

Licensing & Regulatory Affairs AREVA Inc.

cc: J. G. Rowley Project 728

Enclosures:

- 1. Two copies of DVD ROM labeled "AURORA-B LOCA Sample Problem Data Files"
- 2. Affidavit for Withholding of Proprietary Information

AREVA INC.

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(D sent to PM EXtra

AFFIDAVIT

COMMONWEALTH OF VIRGINIA)) ss. CITY OF LYNCHBURG)

1. My name is Gayle Elliott. I am Deputy Director, Licensing & Regulatory Affairs, for AREVA NP Inc. (AREVA NP) 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 on the Computer Discs containing sample problem input and output files to support the review of the topical report referenced in NRC Letter, Gary Peters (AREVA Inc.) to Document Control Desk (NRC), "Informational Transmittal of Supplemental Information for Review of Topical Report ANP-10332P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Loss of Coolant Accident Scenarios," dated December 22, 2016 and referred to herein as "Document." Information contained in this Document has been classified by AREVA NP as proprietary in full 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 this Document is considered proprietary for the reasons set forth in paragraphs 6(c), 6(d) and 6(e) 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.

 $\sim a$ SUBSCRIBED before me this day of_ Reumber 2016.

Sherry L. McFaden NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA MY COMMISSION EXPIRES: 10/31/18 Reg. # 7079129

SHERRY L. MCFADEN Notery Public Commonwealth of Virginia 7079129 My Commission Expires Oct 31, 2018