



November 10, 2017
NRC:17:047

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

PROJ0728

Transmittal of ANP-10300Q1P Revision 2, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios Response to NRC Acceptance Review Questions"

AREVA Inc. (AREVA) requested the NRC review and approval of Topical Report (TR) ANP-10300P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient Accident Scenarios" in Reference 1. Reference 2 was generated to respond to an acceptance review RAI and was submitted to the NRC as an enclosure to Reference 3. It was identified that a figure in Reference 2 was erroneously included in the cross-reference to that figure in two locations in the document. The enclosed Revision 2 to ANP-10300Q1P corrects this error.

Note that the enclosed Revision 2 to ANP-10300Q1P is the only revision of this acceptance review RAI response document that will be included in the approved version of the TR, when it is published.

AREVA considers some of the material contained in the enclosed to be proprietary. As required by 10 CFR 2.390(b), an affidavit is attached to support the withholding of the information from public disclosure. Proprietary and non-proprietary versions of the attached acceptance review RAI response are provided.

There are no commitments within this letter or its enclosures.

If you have any questions related to this information, please contact Mr. Alan Meginnis by telephone at (509) 375-8266, or by e-mail at Alan.Meginnis@areva.com.

Sincerely,

A handwritten signature in cursive script that reads "Gary Peters".

Gary Peters, Director
Licensing & Regulatory Affairs
AREVA Inc.

cc: J. G. Rowley
Project 728

YB01
NRK

AREVA INC.

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References:

- Ref. 1: Letter, R.L. Gardner (AREVA) 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 23, 2009.
- Ref. 2: ANP-10300Q1P, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios Response to NRC Acceptance Review Questions," AREVA Inc., August 2017.
- Ref. 3: Letter, G. Peters (AREVA) to Document Control Desk (NRC), "Transmittal of Revisions to ANP-10300Q1P and ANP-10300Q2P," NRC:17:035, August 11, 2017.

Enclosures:

1. A Proprietary copy of ANP-10300Q1P, Revision 2, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios Response to NRC Acceptance Review Questions"
2. A Non-Proprietary copy of ANP-10300Q1NP, Revision 2, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios Response to NRC Acceptance Review Questions"
3. Notarized Affidavit

AFFIDAVIT

STATE OF WASHINGTON)
)
) ss.
COUNTY OF BENTON)

1. My name is Alan B. Meginnis. I am Manager, Product Licensing, for AREVA Inc. and as such I am authorized to execute this Affidavit.

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

3. I am familiar with the AREVA information contained in the report ANP-10300Q1P, Revision 2, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Transient and Accident Scenarios Response to NRC Acceptance Review Questions," dated October 2017 and referred to herein as "Document." Information contained in this Document has been classified by AREVA as proprietary in accordance with the policies established by AREVA 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 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 to determine whether information should be classified as proprietary:

- (a) The information reveals details of AREVA'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.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for AREVA in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by AREVA, would be helpful to competitors to AREVA, and would likely cause substantial harm to the competitive position of AREVA.

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

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

8. AREVA 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.

Alan & Meg

SUBSCRIBED before me this 6th
day of November, 2017.

Hailey M. Siekawitch

Hailey M Siekawitch
NOTARY PUBLIC, STATE OF WASHINGTON
MY COMMISSION EXPIRES: 9/28/2020

