



December 6, 2012
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Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

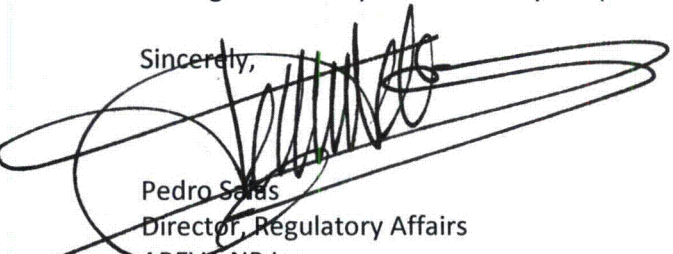
Proprietary Viewgraphs for the Small Break Loss of Coolant Accident (LOCA) MOX Pre-Submittal Meeting with the NRC

Enclosed are the proprietary and non-proprietary viewgraphs to be presented at the December 10, 2012 pre-submittal meeting with the NRC in Rockville, Md. for the small break LOCA topical report associated with mixed oxide applicability.

AREVA NP Inc. (AREVA NP) considers some of the material contained in the enclosed to be proprietary. 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 Ms. Gayle F. Elliott, Product Licensing Manager. She may be reached by telephone at 434-832-3347, or by e-mail at gayle.elliott@areva.com.

Sincerely,



Pedro Saras
Director, Regulatory Affairs
AREVA NP Inc.

Enclosures

1. Proprietary Viewgraphs for the Small Break Loss of Coolant Accident (LOCA) MOX Pre-Submittal Meeting with the NRC
2. Notarized Affidavit

cc: J. G. Rowley
Project 728

AREVA NP INC.

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A F F I D A V I T

COMMONWEALTH OF VIRGINIA)
) ss.
COUNTY OF CAMPBELL)

1. My name is Gayle F. Elliott. I am Manager, Product Licensing, 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 in the proprietary viewgraphs for the presentation entitled "Small Break Loss of Coolant Accident (LOCA) MOX" dated December 10, 2012, 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:

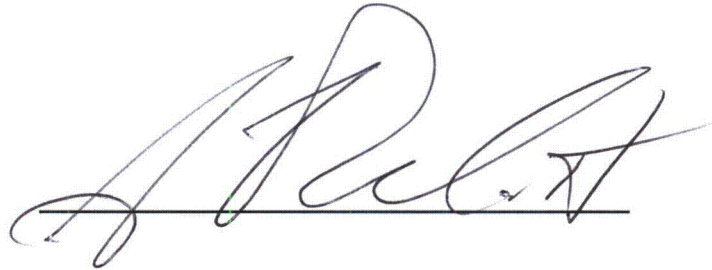
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or 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.

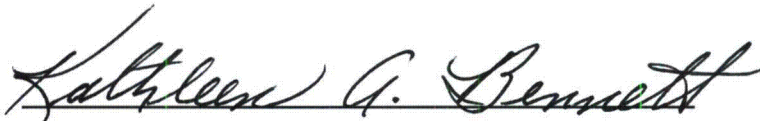
7. In accordance with AREVA NP's policies governing the protection and control of information, proprietary information contained in this Document has been made available, on a limited basis, to others outside AREVA NP only as required and under suitable agreement providing for nondisclosure and limited 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 handwritten signature in black ink, appearing to be 'A. Bennett', written over a horizontal line.

SUBSCRIBED before me this 6th
day of December 2012.

A handwritten signature in black ink, 'Kathleen A. Bennett', written over a horizontal line.

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

