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

Presentation Materials from the NRC – AREVA NP Audit regarding the U.S. EPR Leak-Before-Break (LBB) Methodology

- Ref. 1: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Presentation Materials from the NRC – AREVA NP Audit regarding the U.S. EPR Leak-Before-Break (LBB) Methodology," NRC:08:049, July 2, 2008.
- Ref. 2: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Response to U.S. EPR Design Certification Application RAI No. 48," NRC:08:072, September 18, 2008.
- Ref. 3: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Response to U.S. EPR Design Certification Application RAI No. 48, Supplement 1," NRC:08:089, November 7, 2008.
- Ref. 4: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Additional Information in Support of NRC Confirmatory Analysis Regarding the U.S. EPR Leak-Before-Break (LBB) Methodology," NRC:08:101, December 18, 2008.
- Ref. 5: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Additional Information in Support of NRC Confirmatory Analysis Regarding the U.S. EPR Leak-Before-Break (LBB) Methodology," NRC:09:003, January 23, 2009.

On June 26, 2008, AREVA NP Inc. (AREVA NP) supported an audit with NRC staff regarding the U.S. EPR Leak-Before-Break (LBB) methodology described in U.S. EPR FSAR Tier 2, Section 3.6.3. Presentation materials from this audit were provided to the NRC in Reference 1. At this audit, the NRC indicated they would be performing a confirmatory analysis of the U.S. EPR LBB methodology. Additional information in support of this confirmatory analysis was provided to NRC in References 2, 3, 4, and 5.

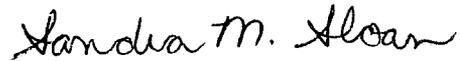
On June 9, 2009, AREVA NP supported a follow-up audit with NRC staff regarding the U.S. EPR Leak-Before-Break (LBB) methodology. As requested by the NRC during the audit, enclosed is a copy of the presented material. Minor editorial changes were made to the slides that did not affect the technical content.

AREVA NP considers some of the material contained in the enclosure 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. Proprietary and non-proprietary versions of the presentation are provided on the enclosed CDs.

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If you have any questions related to this submittal, please contact me by telephone at 434-832-2369 or by e-mail at sandra.sloan@areva.com.

Sincerely,



Sandra M. Sloan, Manager
New Plants Regulatory Affairs
AREVA NP Inc.

Enclosures

cc: G. Tesfaye
Docket No. 52-020

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.

Sandra M. Sloan

SUBSCRIBED before me this 2nd
day of July, 2009.

Sherry L. McFaden

Sherry L. McFaden
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 10/31/2010
Registration # 7079129

