

Dominion Nuclear Connecticut, Inc.  
5000 Dominion Boulevard, Glen Allen, VA 23060  
Web Address: www.dom.com



**Dominion®**

**PROPRIETARY INFORMATION – WITHHOLD UNDER 2.390**

October 18, 2016

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Serial No. 16-380  
NRA/WDC R0  
Docket No. 50-336  
License No. DPR-65

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNIT 2**  
**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION FOR**  
**PROPOSED LICENSE AMENDMENT REQUEST REGARDING**  
**REALISTIC LARGE BREAK LOSS OF COOLANT ACCIDENT REANALYSIS**  
**(CAC NO. MF7761)**

By letter dated May 25, 2016, Dominion Nuclear Connecticut, Inc. (DNC) submitted a license amendment request (LAR) for Millstone Power Station Unit 2 (MPS2). The proposed amendment would add the AREVA topical report EMF-2103(P)(A), "Realistic Large Break Loss of Coolant Accident (RLBLOCA) Methodology for Pressurized Water Reactors," to Technical Specification (TS) 6.9.1.8.b, "Core Operating Limits Report," which lists the analytical methods used to determine the core operating limits. In an email dated September 16, 2016, the Nuclear Regulatory Commission (NRC) transmitted a request for additional information (RAI) to DNC related to the LAR. DNC agreed to respond to the RAI by October 21, 2016.

Attachment 1 to this letter provides DNC's response to RAI Questions 1 through 3, which contain information proprietary to AREVA NP, Inc (AREVA). The non-proprietary version of the responses to RAI Questions 1 through 3 is provided in Attachment 2. Attachment 3 provides DNC's response to the remaining RAI questions, 4 through 6.

Since Attachment 1 contains information proprietary to AREVA, it is respectfully requested that Attachment 1 be withheld from public disclosure in accordance with 10 CFR 2.390. The AREVA application for withholding and affidavit is provided in Attachment 4.

**Attachment 1 contains proprietary information that is being withheld from public disclosure under 10 CFR 2.390. Upon separation of Attachment 1, this letter is decontrolled.**

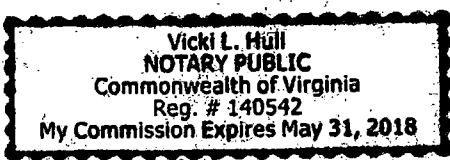
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If you have any questions regarding this request, please contact Wanda Craft at (804) 273-4687.

Sincerely,



Mark D. Sartain  
Vice President – Nuclear Engineering

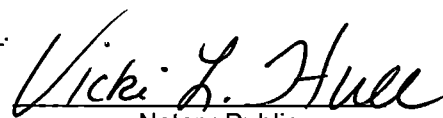


COMMONWEALTH OF VIRGINIA )  
 )  
COUNTY OF HENRICO )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Mark D. Sartain, who is Vice President – Nuclear Engineering of Dominion Nuclear Connecticut, Inc. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 18<sup>TH</sup> day of October, 2016.

My Commission Expires: May 31, 2018.

  
Notary Public

Attachment:

1. Response to Request for Additional Information for License Amendment Request Regarding Realistic Large Break Loss of Coolant Accident Analysis – RAI Questions 1 through 3 (Proprietary)
2. Response to Request for Additional Information for License Amendment Request Regarding Realistic Large Break Loss of Coolant Accident Analysis – RAI Questions 1 through 3 (Non-Proprietary)
3. Response to Request for Additional Information for License Amendment Request Regarding Realistic Large Break Loss of Coolant Accident Analysis – RAI Questions 4 through 6
4. AREVA Application for Withholding and Affidavit

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission  
Region I  
2100 Renaissance Blvd, Suite 100  
King of Prussia, PA 19406-2713

R. V. Guzman  
Senior Project Manager - Millstone Power Station  
U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Mail Stop O8 C2  
Rockville, MD 20852-2738

NRC Senior Resident Inspector  
Millstone Power Station

Director, Radiation Division  
Department of Energy and Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

**PROPRIETARY INFORMATION –WITHHOLD UNDER 10 CFR 2.390**

**ATTACHMENT 1**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION FOR LICENSE  
AMENDMENT REQUEST REGARDING REALISTIC LARGE BREAK LOSS OF  
COOLANT ACCIDENT ANALYSIS – RAI QUESTIONS 1 THROUGH 3  
(PROPRIETARY)**

**DOMINION NUCLEAR CONNECTICUT, INC.  
MILLSTONE POWER STATION UNIT 2**

**Attachment 1 contains information that is being withheld from public disclosure under 10 CFR 2.390. Upon separation from Attachment 1, this page is decontrolled**



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:

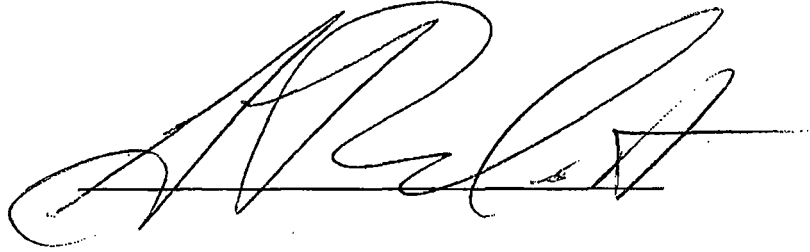
- (a) The information reveals details of AREVA's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or service.
- (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 this Document is considered proprietary for the reasons set forth in paragraphs 6(c), 6(d) and 6(e) above.

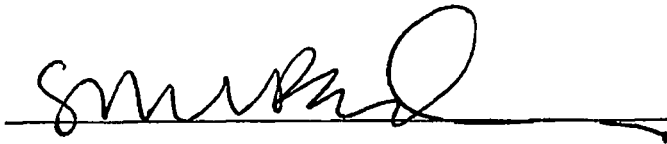
7. In accordance with AREVA's policies governing the protection and control of information, proprietary information contained in this Document has been made available, on a limited basis, to others outside AREVA only as required and under suitable agreement providing for nondisclosure and limited use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

A large, stylized handwritten signature in black ink, written over a horizontal line.

SUBSCRIBED before me this 12<sup>th</sup>  
day of October, 2016.

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

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

