



October 7, 2010
NRC:10:091

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

Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 7

- Ref. 1: E-mail, Getachew Tesfaye (NRC) to Martin Bryan, et al (AREVA NP Inc.), "U.S. EPR Design Certification Application RAI No. 378 (4409,4513,4490), FSAR Ch. 6," April 23, 2010
- Ref. 2: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, FSAR Ch. 6," May 24, 2010
- Ref. 3: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 1, FSAR Ch. 6," July 8, 2010
- Ref. 4: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 2, FSAR Ch. 6," August 5, 2010
- Ref. 5: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 3, FSAR Ch. 6," August 12, 2010
- Ref. 6: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 4, FSAR Ch. 6," August 31, 2010
- Ref. 7: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 5, FSAR Ch. 6," September 9, 2010
- Ref. 8: E-mail, Martin Bryan (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 6, FSAR Ch. 6," September 30, 2010

In Reference 1, the NRC provided a request for additional information (RAI) regarding the U.S. EPR design certification application. Reference 2 provided a response to one of the fifteen questions of RAI 378. Reference 3 and Reference 4 provided revised response schedules. Reference 5 provided Supplement 3 response to RAI 378 with technically correct and complete responses to four questions. Reference 6 provided Supplement 4 response to RAI 378 with technically correct and complete responses to three questions. In addition, the schedule for a response to Question 6.2.1-93 was revised in Reference 6. Reference 7 provided a revised response schedule. Reference 8 provided Supplement 6 response to RAI 378 with a revised response schedule for Question 6.2.3-6.

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NRC

The enclosure to this letter provides technically correct and complete responses to four of the remaining seven questions. AREVA NP considers some of the material contained in the enclosed response to be proprietary information. As required by 10 CFR 2.390(b), an affidavit is attached to support the withholding of the proprietary information from public disclosure. Proprietary and non-proprietary versions of the enclosure to this letter are provided.

The following table indicates the respective pages in the enclosure that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 378 — 06.02.01-83	2	3
RAI 378 — 06.02.01-85	4	15
RAI 378 — 06.02.01-87	16	66
RAI 378 — 06.02.01-91	67	67

The response schedule for the remaining three questions is unchanged and is shown below.

Question #	Final Response Date
RAI 378 — 06.02.01-93	November 30, 2010
RAI 378 — 06.02.02-45	October 27, 2010
RAI 378 — 06.02.03-6	October 27, 2010

If you have any questions related to this submittal, please contact me 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: J. Rycyna
G. Tesfaye
Docket No. 52-020

bcc: NRC:10:091

R. D. Affolter
K. A. Bennett
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M. S. Carpenter
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Vincent Sorel, UniStar Nuclear
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R. Sgarro, PPL

AFFIDAVIT

COMMONWEALTH OF VIRGINIA)
) ss.
COUNTY OF CAMPBELL)

1. My name is Sandra M. Sloan. I am Manager, Regulatory Affairs for New Plants, for AREVA NP Inc. 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 letter NRC:10:091, "Response to U.S. EPR Design Certification Application RAI No. 378, Supplement 7," 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.

Sandra M. Sloan

SUBSCRIBED before me this 7th
day of October, 2010.

Kathleen A. Bennett

Kathleen A. Bennett
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 8/31/2011
Reg. #110864

