



November 13, 2008
NRC:08:090

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

Response to U.S. EPR Design Certification Application RAI No. 18, Supplement 1 and ANP-10294P, "U.S. EPR Reactor Coolant Pump Motor Flywheel Structural Analysis Technical Report"

Ref. 1: E-mail, Getachew Tesfaye (NRC) to Ronda Pederson, et al (AREVA NP Inc.), "U.S. EPR Design Certification Application RAI No. 18, FSAR Ch 3 and 5," June 24, 2008.

Ref. 2: E-mail, Ronda M. Pederson (AREVA NP) to Getachew Tesfaye (NRC), et al., "Response to U.S. EPR Design Certification Application RAI No. 18, FSAR Ch 3 and 5," July 23, 2008.

In Reference 1, the NRC provided a request for additional information (RAI) regarding the U.S. EPR design certification application. A technically correct and complete response to 1 of the 2 questions was provided in Reference 2. As noted in Reference 2, AREVA NP indicated that the response to the remaining question, RAI No. 18, Question 05.04.01.01-1, would be submitted to the NRC by November 15, 2008. AREVA NP indicated that a technical report would be submitted to the NRC regarding the reactor coolant pump flywheel analysis. A technically correct and complete response to RAI No. 18, Question 05.04.01.01-1 and ANP-10294P, "U.S. EPR Reactor Coolant Pump Motor Flywheel Structural Analysis Technical Report" are enclosed with this letter.

AREVA NP understands that the NRC's review of the enclosed technical report will be performed in conjunction with review of U.S. EPR FSAR Tier 2 Section 5.4.1.

The following table provides the page in the response document, "RAI 18 Supplement 1 Response US EPR DC.pdf" containing the response to the question.

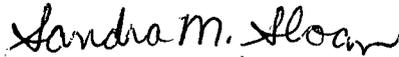
Question #	Start Page	End Page
RAI 18—05.04.01.01-1	2	2

Also enclosed are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI No. 18, Supplement 1, Question 05.04.01.01-1 and references the enclosed technical report.

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NRO

AREVA NP considers some of the material contained in the enclosed technical report 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 enclosed technical report are provided on the enclosed CDs.

Sincerely,



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

Enclosures

cc: J. Rycyna
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:

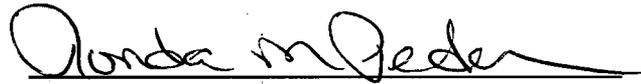
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or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



SUBSCRIBED before me this 13th
day of November, 2008.



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

