



November 27, 2007
NRC:07:068

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

Request for Review and Approval of ANP-10287P, "Incore Trip Setpoint and Transient Methodology for U.S. EPR Topical Report"

Ref. 1: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Proposed Plan for the Pre-Application Review of the U.S. EPR," NRC:06:036, September 8, 2006.

Ref. 2: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Proposed Plan for the Pre-Application Review of the U.S. EPR," NRC:07:007, February 14, 2007.

AREVA NP Inc. (AREVA NP) requests the NRC's review and approval of the enclosure, ANP-10287P, "Incore Trip Setpoint and Transient Methodology for U.S. EPR Topical Report." This report was identified as a pre-application submittal for the U.S. EPR in Attachment 3 of Reference 1 and Attachment 1 of Reference 2. In Reference 1 and 2, this report was referred to as the "U.S. EPR Setpoints Safety Analysis Methods Topical Report."

AREVA NP requests that the NRC issue a Safety Evaluation Report (SER) that approves this topical report which will be used to support AREVA NP's U.S. EPR design. AREVA NP plans to reference this topical report in its Design Certification application for the U.S. EPR. AREVA NP requests that the NRC complete its review of the enclosed report and issue the SER by November of 2008.

Also included with this submittal is report ANP-10282P, "POWERTRAX/E Online Core Monitoring Software for the U.S. EPR." This report supplements the information provided in topical report ANP-10287P and is also a supporting document for the design certification application to be submitted in December, 2007.

Proprietary and non-proprietary versions of the reports are enclosed on CDs.

AREVA NP considers some of the material contained in the enclosed documents 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.

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NRO

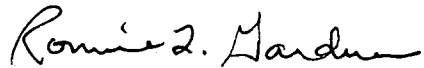
AREVA NP INC.

An AREVA and Siemens company

3315 Old Forest Road, P.O. Box 10935, Lynchburg, VA 24506-0935
Tel.: 434 832 3000 - Fax: 434 832 3840 - www.aveva.com

If you have any questions related to this submittal, please contact Ms. Sandra M. Sloan, Regulatory Affairs Manager for New Plants Deployment. She may be reached by telephone at 434-832-2369 or by e-mail at sandra.sloan@areva.com.

Sincerely,

A handwritten signature in black ink that reads "Ronnie L. Gardner". The signature is written in a cursive style with a large initial "R".

Ronnie L. Gardner, Manager
Site Operations and Corporate Regulatory Affairs
AREVA NP Inc.

Enclosures

cc: L. J. Burkhart
G. Tesfaye
Project 733

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:

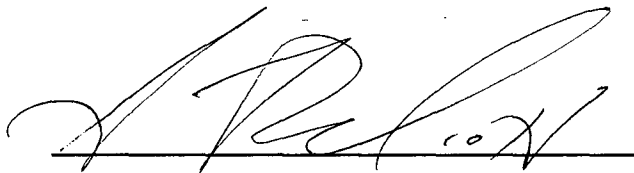
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or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

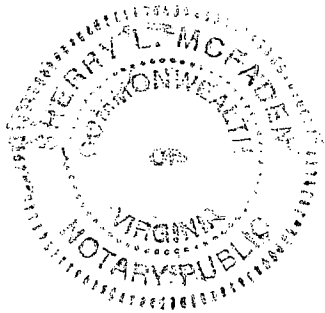
9. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

A handwritten signature in black ink, appearing to be 'S. L. McFaden', written over a horizontal line.

SUBSCRIBED before me this 20th
day of November, 2007.

A handwritten signature in black ink, appearing to be 'Sherry L. McFaden', written over a horizontal line.

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



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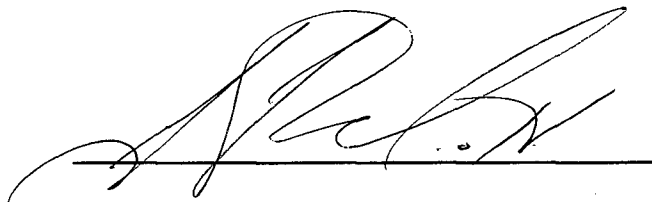
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