



October 2, 2007  
NRC:07:051

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

**Request for Review and Approval of ANP-10285P, "U.S. EPR Fuel Assembly Mechanical Design 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-10285P, "U.S. EPR Fuel Assembly Mechanical Design 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.

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 Control Document for the U.S. EPR. AREVA NP requests that the NRC complete its review of the enclosed report and issue the SER by September 2008.

A proprietary and non-proprietary version of the topical report are enclosed on CDs.

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

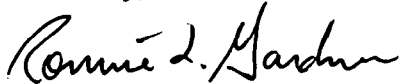
**AREVA NP INC.**  
An AREVA and Siemens company

3315 Old Forest Road, P.O. Box 10935 Lynchburg, VA 24506-0935  
Tel.: 434 832 3000 • Fax: 434 832 3840 • [www.aveva.com](http://www.aveva.com)

DO77  
NRD

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](mailto:sandra.sloan@areva.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Ronnie L. Gardner". The signature is fluid and cursive, with the first name "Ronnie" being more prominent.

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

Enclosures

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

## AFFIDAVIT

COMMONWEALTH OF VIRGINIA    )  
  ) ss.  
CITY OF LYNCHBURG            )

1.       My name is Gayle F. Elliott. I am Manager, Product Licensing, 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 the report ANP-10285P, Revision 0, "U.S. EPR Fuel Assembly Mechanical Design Topical Report," dated October 2007, 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:

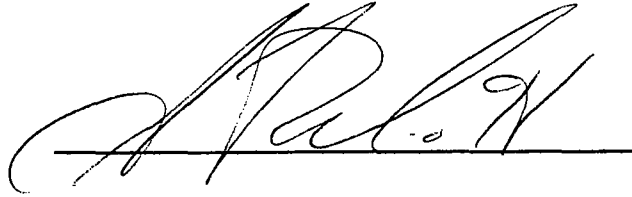
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or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



SUBSCRIBED before me this 1<sup>st</sup>  
day of October, 2007.



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





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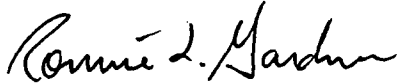
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