



September 26, 2007
NRC:07:049

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

Changes to AREVA NP's Topical Report BAW-10247(P), "Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors"

Ref.: 1. Letter, James F. Mallay (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of BAW-10247(P), 'Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors'," NRC:04:047, August 19, 2004.

AREVA NP Inc., (AREVA NP) requested the NRC's review and approval of the topical report BAW-10247P, "Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors" in Reference 1. The purpose of this letter is to propose changes to some of the uncertainties defined in the topical report. The uncertainties used in the methodology are summarized in BAW-10247Q4P, "Response to Request for Additional Information – BAW-10247(P)", Tables C, D, and E. These changes are being proposed based on telephone conversations with the NRC in reaching an agreement to increase uncertainties in specific parameters in order to provide a more conservative bound to the benchmark data.

Attachment A to this letter provides the specific values of the proposed revised uncertainties. A proprietary and a non-proprietary version of Attachment A are provided.

As required by 10 CFR 2.390(b) an affidavit is enclosed to support the withholding of the information from public disclosure.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ronnie L. Gardner'.

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

Enclosures

cc: H. D. Cruz
S. Wu
Project 728

AREVA NP INC.
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AFFIDAVIT

STATE OF WASHINGTON)
) ss.
COUNTY OF BENTON)

1. My name is Jerald S. Holm. 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 attachment to the letter NRC:07:049, dated September 26, 2007, subject: *Changes to AREVA NP's Topical Report BAW-10247(P), "Realistic Thermal-Mechanical Fuel Rod Methodology for Boiling Water Reactors*, 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.

Jerald S Holm

SUBSCRIBED before me this 25th
day of September, 2007.

Susan K McCoy

Susan K. McCoy
NOTARY PUBLIC, STATE OF WASHINGTON
MY COMMISSION EXPIRES: 1/10/2008

