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April 13, 2012
NRC:12:021

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

ANP-10283P, "U.S. EPR Pressure-Temperature Limits Methodology for RCS Heatup and Cooldown," Revision 2

Ref. 1: E-Mail, Dennis Williford (AREVA NP Inc.) to Getachew Tesfaye (NRC), "Response to U.S. EPR Design Certification Application RAI No. 531, Supplement 1," April 13, 2012.

In the response document provided in Reference 1, AREVA NP Inc. (AREVA NP) committed to submit a revision to technical report ANP-10283P. AREVA NP hereby submits ANP-10283P, "U.S. EPR Pressure-Temperature Limits Methodology for RCS Heatup and Cooldown," Revision 2. The section titled "Nature of Changes" identifies the revised sections of the report.

AREVA NP has incorporated this revised report by reference in the U.S. EPR Final Safety Analysis Report (FSAR). AREVA NP requests that the NRC incorporate the review of this revised report into the evaluation of the reactor pressure vessel design in the safety evaluation report for the U.S. EPR FSAR in a manner consistent with other reports which are incorporated by reference in the U.S. EPR FSAR.

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 this technical report are also enclosed.

If you have any questions related to this information, please contact Darrell Gardner by telephone at (704) 805-2355 or by e-mail at darrell.gardner@areva.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pedro Salas', written over a faint, larger signature.

Pedro Salas
Director, Regulatory Affairs
AREVA NP Inc.

Enclosures

cc: G. Tesfaye
Docket 52-020

AREVA INC.
3315 Old Forest Road, P.O. Box 10935, Lynchburg, VA 24506-0935
Tel.: 434 832 3000 www.areva.com

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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:

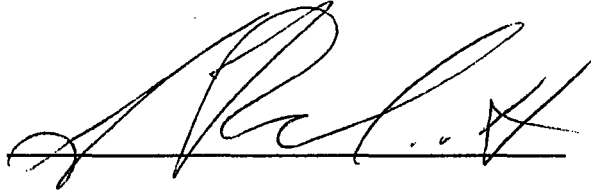
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or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

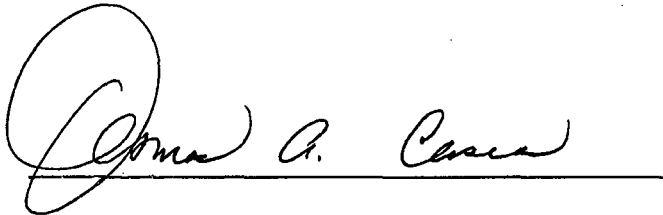
8. AREVA NP policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

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

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

SUBSCRIBED before me this 13th

day of April, 2012.

A handwritten signature in black ink, appearing to be 'Thomas A. Casias', written over a horizontal line.

Thomas A. Casias
NOTARY PUBLIC, NORTH CAROLINA, MECKLENBURG COUNTY
MY COMMISSION EXPIRES: 12/15/2014