

July 25, 2007

Mr. Ronnie L. Gardner
AREVA NP Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING ANP-10275P, "U.S. EPR INSTRUMENT SETPOINT METHODOLOGY TOPICAL REPORT" (TAC NO. MD4976)

Dear Mr. Gardner:

By letter dated March 26, 2007 (ML070880714), AREVA NP (AREVA) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) ANP-10275P, "U.S. EPR Instrument Setpoint Methodology Topical Report" [ML070880724 (proprietary) and ML070880719 (non-proprietary)]. The NRC staff has reviewed the application and has determined that additional information is required. Our questions are provided in the enclosure.

A draft of the request for additional information (RAI) was provided to you on June 19, 2007 (ML071770483), and discussed with your staff in a post submittal telephone conference on June 26, 2007. As a result of that discussion the staff agreed to remove Draft RAI 2. Your staff has agreed that your response would be provided within 30 days of the date of this letter.

If you have any questions regarding this matter, I may be reached at 301-415-3361.

Sincerely,

/RA/

Getachew Tesfaye, Sr. Project Manager
EPR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No. 733

Enclosure: Request for Additional Information

cc: DC AREVA - EPR Mailing List

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REQUEST FOR ADDITIONAL INFORMATION (RAI)

ANP-10275P, "U.S. EPR INSTRUMENT SETPOINT METHODOLOGY

TOPICAL REPORT" (TAC NO. MD4976)

PROJECT NUMBER 733

- RAI 1) The setpoint methodology added a margin to the instrument channel uncertainty (CU) to derive the nominal trip setpoint (NTSP) from the analytical limit (AL). Provide the criteria regarding how much the margin has been added to the CU.
- RAI 2) This topical report states that the instrument is declared inoperable if the As-Found (AF) value exceeds the Allowable Value (AV). Difference between AF and AV is a value of the margin. Justify why the AF tolerance is not used to determine the operability of the channel (instrument).

Enclosure

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