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

Response to a Request for Additional Information Regarding ANP-10284 "U.S. EPR Instrumentation and Control Diversity and Defense-In-Depth Methodology Topical Report" (TAC No. MD5884)

Ref. 1: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of ANP-10284, 'U.S. EPR Instrumentation and Control Diversity and Defense-In-Depth Methodology Topical Report'," NRC:07:022, June 20, 2007.

Ref. 2: Letter, Getachew Tesfaye (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "AREVA NP Inc. - Request for Additional Information Regarding ANP-10284, 'U.S. EPR Instrumentation and Control Diversity and Defense-In-Depth Methodology Topical Report' (TAC No. MD5884)," November 1, 2007.

Ref. 3: Letter, Getachew Tesfaye (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "Acceptance for Review of U.S. EPR Instrumentation and Control Diversity and Defense-In-Depth Methodology Topical Report" (TAC No. MD5884), August 20, 2007.

AREVA NP Inc. (AREVA NP) requested the NRC's review and approval of the topical report ANP-10284 in Reference 1. The NRC provided a Request for Additional Information (RAI) regarding this topical report in Reference 2. The response to this RAI is enclosed with this letter, ANP-10284Q1, "Response to Request for Additional Information ANP-10284, 'U.S. EPR Instrumentation and Control Diversity and Defense-In-Depth Methodology Topical Report'."

The RAI response does not contain any information that AREVA NP considers to be proprietary.

AREVA NP references the topical report ANP-10284 in the Final Safety Analysis Report for the U.S. EPR. Reference 3 states that the NRC plans to complete its review of the topical report and issue the draft safety evaluation by September 30, 2008. AREVA NP understands that this timely response to the RAI supports the scheduled deliverable of the draft safety evaluation.

AREVA NP INC.
An AREVA and Siemens company

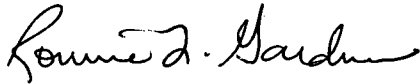
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If you have any questions related to this submittal, please contact Ms. Sandra M. Sloan, Regulatory Affairs Manager for New Plants Deployment. She may be reached by telephone at 434-832-2369 or by e-mail at sandra.sloan@areva.com.

Sincerely,



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

Enclosure

cc: J. Rycyna
G. Tesfaye
Project 733