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

Response to a Second Request for Additional Information Regarding ANP-10279 "U.S. EPR Human Factors Engineering Program" (TAC No. MD4252)

Ref. 1: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of ANP-10279, 'U.S. EPR Human Factors Engineering Program'," NRC:07:004, January 29, 2007.

Ref. 2: Letter, Getachew Tesfaye (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "AREVA NP Inc. - Second Request For Additional Information Regarding ANP-10279, 'U.S. EPR Human Factors Engineering Program,' (TAC No. MD4252)" June 26, 2008.

AREVA NP Inc. (AREVA NP) requested the NRC's review and approval of ANP-10279, "U.S. EPR Human Factors Engineering Program" in Reference 1. The NRC provided a second request for additional information (RAI) regarding this topical report in Reference 2. A partial response to this RAI is enclosed on CD with this letter, ANP-10279Q2, "Response to a Second Request for Additional Information - ANP-10279, 'U.S. EPR Human Factors Engineering Program.'" Also, attached to the response are supporting changes to the topical report and U.S. EPR FSAR, Tier 2, Chapter 18.

AREVA NP requests a meeting with the NRC staff prior to formally responding to RAIs 7, 8, 25, 31, 32, 45 and 55. These RAIs involve the use of output from Human Factors Engineering (HFE) programs at other ongoing AREVA nuclear power plant projects. It is apparent from the questions that there is considerable interest by the staff regarding how information from other projects will be used in the U.S. EPR HFE Program. AREVA NP requests an opportunity to present the proposed integration plan for using the output and lessons learned from these HFE efforts and explain their intended use and applicability to the U.S. EPR HFE Program.

The RAI response does not contain any information that AREVA NP considers to be proprietary. AREVA NP references the topical report ANP-10279 in its Final Safety Analysis Report (FSAR) for the U.S. EPR.

AREVA NP INC.

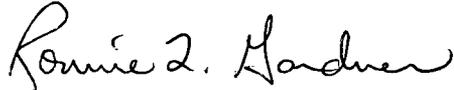
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If you have any questions related to this submittal, please contact Ms. Sandra M. Sloan, Regulatory Affairs Manager for New Plants Deployment. She may be reached by telephone at 434-832-2369 or by e-mail at sandra.sloan@areva.com.

Sincerely,

A handwritten signature in cursive script that reads "Ronnie L. Gardner".

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

Enclosures

cc: J. Rycyna
G. Tesfaye
Docket No. 52-020