



December 21, 2006
NRC:06:061

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

Request for Review and Approval of ANP-10272, "Software Program Manual TELEPERM XS™ Safety Systems Topical Report"

Ref.: 1. Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC),
"Proposed Plan for the Pre-Application Review of the U.S. EPR," NRC:06:036,
September 8, 2006.

AREVA NP Inc. (AREVA NP) requests the NRC's review and approval of the enclosure, ANP-10272, "Software Program Manual for TELEPERM XS™ Safety Systems Topical Report." This topical report was identified as a pre-application submittal for the U.S. EPR in Attachment 3 of Reference 1.

This report describes the methodology for AREVA NP's TELEPERM XS™ Safety Systems Software Program Manual and how it meets applicable regulatory requirements. This document also demonstrates that the Software Program Manual conforms to the applicable regulatory guidance. In certain areas AREVA NP operating instructions are used to supplement the Software Program Manual to fully implement the requirements and objectives. These operating instructions are available onsite at AREVA NP facilities to support the NRC review of this topical report.

AREVA NP requests that the NRC issue a Safety Evaluation Report (SER) that approves the use of the Software Program Manual described in the topical report. AREVA NP intends to use the Software Program Manual to support digital safety instrumentation and control (I&C) system upgrades at operating nuclear plants and digital safety systems for new nuclear plants. For instance, the approved version of this topical report would be referenced in the Design Control Document for the U.S. EPR. AREVA NP requests that the NRC complete its review of the enclosed report and issue the SER by December 2007.

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
Site Operations and Regulatory Affairs
AREVA NP Inc.

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Enclosure

cc: L. J. Burkhart
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