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

Request for Review and Approval of ANP-10264(NP) Revision 0, "U.S. EPR Piping Analysis and Pipe Support Design"

Ref.: 1. ANP-10264(NP) Revision 0, "U.S. EPR Piping Analysis and Pipe Support Design," September 2006.

AREVA NP Inc. (AREVA NP) requests the NRC's review and approval of the topical report ANP-10264(NP) Revision 0, "U.S. EPR Piping Analysis and Pipe Support Design," (Reference 1). This report addresses NRC regulatory requirements for design and analysis of piping and pipe supports utilizing the additional guidance provided by the NRC's Standard Review Plan (SRP) (NUREG-0800) and the requirements established in the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section III, Division 1 for Code Class 1, 2 and 3 pressure retaining components and their supports. The report provides a description of the code requirements, analysis methods, modeling techniques and acceptance criteria for Class 1, 2 and 3 piping systems and their supports.

AREVA NP requests that the NRC issue a Safety Evaluation Report (SER) that approves the methodology described in the topical report as meeting NRC regulatory requirements for the design and analysis of piping and pipe supports and finds that it is acceptable for application to the U.S. EPR design. AREVA NP plans to reference the approved version of Reference 1 in its Design Control Document (DCD) for the U.S. EPR and will use these methods to support detailed design activities.

AREVA NP requests that the NRC complete its review of Reference 1 and issue the SER by March 2007. This schedule is necessary to support the initiation of detailed design activities for the U.S. EPR in early calendar-year 2007.

The topical report as provided on the enclosed CD does not contain any information that AREVA NP considers to be proprietary.

Ms. Sandra M. Sloan, Regulatory Affairs Manager for New Plants Deployment, remains the point of contact with the NRC for U.S. EPR licensing activities. 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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AREVA NP INC.
An AREVA and Siemens company

cc: L. J. Burkhart
J. F. Williams
Project 733