



February 14, 2007
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Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Proposed Plan for the Pre-Application Review of the U.S. EPR

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.

Ref. 2: Letter, Getachew Tesfaye (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "Proposed Plan for the Pre-Application Review of the U.S. EPR," (ML 063520542), January 10, 2007.

In September 2006, AREVA NP Inc. (AREVA NP) proposed a revised scope of work for the pre-application review of the U.S. EPR that included a series of meetings and planned submittals in a variety of topic areas (Reference 1). On January 10, 2007, the NRC acknowledged the benefits of continuing the public interactions between AREVA NP and the NRC staff on the U.S. EPR design (Reference 2). In addition, the NRC stated that the NRC staff: (1) will perform an acceptance review and review the topical reports consistent with budgeted resources, (2) will review submittals that are not topical reports commensurate with available resources with the goal of providing feedback in meetings or telephone conferences, (3) will conduct pre-submittal meetings, and post-submittal meetings at times to maximize reviewer efficiency, (4) will attend other meetings as necessary and commensurate with other NRC work, and (5) will not accept for review portions of the Design Control Document (DCD) that are submitted earlier than the complete design certification (DC) application.

AREVA NP acknowledges these points and provides a revised plan for pre-application submittals in Attachment 1 that complies with the NRC expectations.

As requested, AREVA NP no longer intends to submit Chapters 11 and 12 of the DCD during the pre-application review. These chapters will be submitted as part of the complete DCD in December 2007.

In addition, as discussed with Mr. Getachew Tesfaye, NAR1 Project Manager, AREVA NP does not intend to submit the Probabilistic Risk Assessment (PRA) Level 1 preliminary results summary report. AREVA NP sees no mutual benefit in submitting a preliminary results summary report to the NRC that is based on design information that is in the process of being finalized. Instead, AREVA NP intends to present preliminary Level 1 PRA results during the PRA Methods Report post-submittal meeting in May 2007.

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An AREVA and Siemens company

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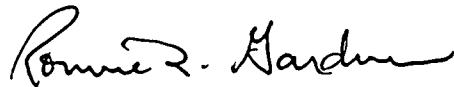
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As discussed with Mr. Tesfaye, AREVA NP plans to submit the following two additional pre-application topical reports, which will support the DCD, by December 2007:

- U.S. EPR Setpoints Safety Analysis Methods Topical Report
- U.S. EPR Reactivity Insertion Accident Methodology Topical Report

AREVA NP looks forward to continued interactions with the NRC to ensure an efficient and successful pre-application review. Ms. Sandra M. Sloan, Regulatory Affairs Manager for New Plants Deployment, is the point of contact with the NRC for the pre-application review. 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 Regulatory Affairs
AREVA NP Inc.

Attachment

cc: L. J. Burkhart
G. Tesfaye
Project 733

Attachment 1

Planned Pre-Application Submittals

Submittal	Objective of Submittal	Submittal Date	Requested NRC Review Product
Digital Protection System Design Topical Report	Early review and approval of material supporting the DCD	March 2007	SER approval
Instrument Setpoint Methodology Topical Report	Early review and approval of material supporting the DCD	March 2007	SER approval
Realistic Large Break Loss of Coolant Accident Topical Report	Early review and approval of RLBLOCA analytical methodology	March 2007	SER approval
Accident Analyses Results Summary Report	Preview of accident analyses results to prepare NRC staff for the DCD review	June 2007	NRC feedback during post-submittal meeting to inform development of the DCD
Instrumentation and Controls Diversity and Defense-In-Depth Topical Report	Early start on review of material supporting the DCD	June 2007	SER approval
Fuel Assembly Mechanical Analysis Topical Report	Early start on review of material supporting the DCD	September 2007	SER approval
U.S. EPR Setpoints Safety Analysis Methods Topical Report	Early start on review of material supporting the DCD	December 2007	SER approval
U.S. EPR Reactivity Insertion Accident Methodology Topical Report	Early start on review of material supporting the DCD	December 2007	SER approval