



July 13, 2007  
NRC:07:030

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

**AREVA NP Inc. Withdrawal of Topical Report EMF-2103(P) Revision 1, "Realistic Large Break LOCA Methodology for Pressurized Water Reactors"**

Ref. 1: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of EMF-2103(P) Revision 1, 'Realistic Large Break LOCA Methodology for Pressurized Water Reactors'", NRC:04:027, August 9, 2004.

Ref. 2: Letter, Stacey L. Rosenberg (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "Draft Safety Evaluation for AREVA NP Inc. (AREVA) Topical Report (TR) EMF-2103(P), Revision 1, 'Realistic Large Break LOCA [Loss-of-Coolant Accident] Methodology for Pressurized Water Reactors' (TAC No. MC4259)", May 25, 2007.

The purpose of this letter is for AREVA NP Inc. (AREVA NP) to withdraw the topical report EMF-2103(P) Revision 1, 'Realistic Large Break LOCA Methodology for Pressurized Water Reactors' from review by the NRC. We request that the staff discontinue its review of this topical report.

This report was submitted to the NRC for review and approval in Reference 1. A draft safety evaluation was provided in Reference 2.

The purpose for the submittal of this topical report (Reference 1) was to resolve issues that arose from the use of the topical report EMF-2103(P)(A) Revision 0 during the first plant specific application of the topical report. AREVA NP's goal is to have an approved topical report for use in support of plant specific applications such that the methodology will not be part of the plant specific application review. This goal is consistent with NRC stated goals for topical reports. This goal is necessary in order to have confidence in the adequacy of the plant specific application and confidence in the plant specific application review schedule.

The draft SE for EMF-2103(P) Revision 1 places restrictions on the use of the methodology such that a review of the methodology will be required during any plant specific application review. In addition, the draft SE raises several issues, not promulgated in Revision 1, which add additional uncertainty as to what would constitute an adequate use of the methodology. The restrictions make referencing the EMF-2103(P) Revision 1 topical report of little value and therefore we have decided to withdraw the topical report from review.

AREVA NP proposed in a meeting on July 10, 2007 to submit a revised topical report, EMF-2103P Revision 2, in which the issues in the draft SE will be addressed. We are confident that the information to be provided in EMF-2103(P) Revision 2 will resolve the issues that have been identified to-date.

**AREVA NP INC.**  
An AREVA and Siemens company

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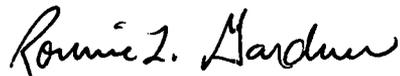
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The schedule that was proposed for the submittal of the topical report EMF-2103(P) Revision 2 was in the Fall of 2009. It is our intent to request a one year review of this topical report by the NRC. In response to comments from the NRC staff during the July 10 meeting we will be evaluating means to accelerate the schedule for the submittal of this topical report. If we decide that the schedule can be accelerated we will inform the NRC of the revised schedule.

It is our intent to support plant specific applications using the EMF-2103(P)(A) Revision 0 methodology. It is our understanding from the July 10, 2007 meeting that the NRC may desire that issues identified in the draft SE for EMF-2103(P) Revision 1 be addressed as part of the review of these plant specific applications.

Sincerely,



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

Enclosures

cc: H. D. Cruz  
J. H. Thompson  
Project 728