

September 22, 2006

Mr. Ronnie Gardner
AREVA NP, Inc.
3315 Old Forest Road
Lynchburg, VA 24501

SUBJECT: ACCEPTANCE FOR REVIEW OF AREVA NP, INC. TOPICAL REPORT BAW-10164(P), REVISION 6, "RELAP5/MOD2 - B&W - AN ADVANCED COMPUTER PROGRAM FOR LIGHT WATER REACTOR LOCA AND NON-LOCA TRANSIENT ANALYSIS" (TAC NO. MD2187)

Dear Mr. Gardner:

By letter dated March 31, 2006, AREVA NP, Inc. submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) BAW-10164(P), Revision 6, "RELAP5/MOD2 - B&W - An Advanced Computer Program for Light Water Reactor LOCA [loss-of-coolant accident] and Non-LOCA Transient Analysis." The NRC staff has performed its acceptance review and finds that the material presented is sufficient to begin our comprehensive review. The NRC staff expects to issue its request for additional information by October 16, 2006, and issue its draft safety evaluation by January 16, 2007. The NRC staff estimates that the review will require approximately 200 staff hours including project management time. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between Mr. Jerald Holm, Licensing Product Manager, AREVA NP, Inc., and the NRC staff on September 5, 2006.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

Sincerely,

/RA/

Stacey L. Rosenberg, Chief
Special Projects Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 728

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