

August 24, 2011

Mr. Jeffrey A. Halfinger, Vice President
Technology Development
Babcock and Wilcox Nuclear Energy
109 Ramsey Place
Lynchburg, VA 24501

SUBJECT: ACCEPTANCE FOR REVIEW OF BABCOCK & WILCOX COMPANY TOPICAL
REPORT 08-002089-001, REVISION 1, "INSTRUMENT SETPOINT
METHODOLOGY TOPICAL REPORT" (TAC NO. RN6113)

Dear Mr. Halfinger:

By letter dated June 30, 2011, Babcock & Wilcox Company (B&W) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) 08-002089-001, Revision 1, "Instrument Setpoint Methodology Topical Report." The NRC staff has performed an acceptance review of the "Instrument Setpoint Methodology Topical Report" and found that the material presented provides the technical information in sufficient detail to enable the staff to complete a detailed technical review. The NRC staff expects to issue its request for additional information (RAI), if necessary, by January 3, 2012, and issue its draft safety evaluation by April 27, 2012. A portion of the basis for completion of the evaluation on this schedule is B&W's response to the RAI within 30 days of your receipt. The NRC staff estimates that the review will require approximately 420 staff hours, including project management time. The Advisory Committee for Reactor Safeguards (ACRS) will be notified of the "Instrument Setpoint Methodology Topical Report" review and may choose to discuss the report at an ACRS meeting. This may result in a delay in issuing the final safety evaluation to B&W. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between Chet Poslusny, B&W Licensing Manager; Brian Arnholt, B&W Unit Manager; Jan Mazza, NRC Project Manager; Yanelly Malave, NRC Project Manager, and myself on August 23, 2011.

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.

J. Halfinger

-2-

If you have questions regarding this matter, please contact Jan Mazza at (301) 415-0498 or Joelle Starefos at (301) 415-6091.

Sincerely,

/RA/

Stewart L. Magruder, Branch Chief
Advanced Reactor Branch 2
Advanced Reactor Program
Office of New Reactors

Project No.: 0776

J. Halfinger

-2-

If you have questions regarding this matter, please contact Jan Mazza at (301) 415-0498 or Joelle Starefos at (301) 415-6091.

Sincerely,

/RA/

Stewart L. Magruder, Branch Chief
Advanced Reactor Branch 2
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NAME	JMazza	JStarefos	IJung	SMagruder
DATE	08/23/2011	08/23/2011	08/24/2011	08/24/2011

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