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PROS-669

December 17, 2009

BW-JAH- 2009-209

Dr. Michael E. Mayfield, Director  
Advanced Reactors  
Office of New Reactors  
U.S. Nuclear Regulatory Commission  
Mail Stop T6E04  
Washington, DC 20555-0001

SUBJECT: B&W *mPower*™ Schedule for Topical Report Submittals

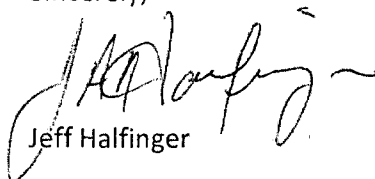
The Babcock & Wilcox Company (B&W) notified the U. S. Nuclear Regulatory Commission (NRC) on April 28, 2009 of its intent to submit an application for Design Certification for the B&W *mPower*™ commercial Advanced Light Water Reactor, in accordance with the process defined in Title 10 of the Code of Federal Regulations, Part 52.

Subsequently, B&W has had pre-application meetings with the NRC staff on July 7 and October 27, 2009 providing the staff with some technical details of the design and the overall project schedule and plan.

Based on these meetings and discussion of our general plans with members of the NRC staff, B&W is hereby providing, as requested, a proposed schedule for submitting pre-application topical reports for use in scheduling NRC staff resources. Please note that the topics and schedule for the proposed topical reports may change as we further develop our application for Design Certification. We'll certainly notify you and your staff of any changes as early as practicable.

Should you have any questions or need additional information, please contact T. J. Kim at 434-382-9791 (Email: [tjkim@babcock.com](mailto:tjkim@babcock.com)) or Jeff Halfinger at 434-522-5941 (Email: [jahalfinger@babcock.com](mailto:jahalfinger@babcock.com)).

Sincerely,



Jeff Halfinger

cc: Joelle L. Starefos, NRC, TWFN- 6 E4  
Stewart L. Magruder, Jr., NRC, TWFN-6 E4  
Michael E. Mayfield, NRC, TWFN-6 E4

Enclosure: Proposed Schedule for Topical Report Submittals

1010  
NRC  
Rec'd 1/11/10

Enclosure

Proposed Schedule for B&W *mPower*<sup>™</sup> Topical Report Submittals

- QA Program description March 2010
- Core/fuel design criteria and analysis methodology March 2010
- Critical Heat Flux Testing Plan April 2010
- Integrated System Testing Plan June 2010
- Accident Analysis Codes and Methodologies October 2010
- Digital I&C Platform October 2010
- CRDM Design/Testing Plan December 2010
- Multi-module control room and operations staffing April 2011