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July 11, 2012

MPWR-LTR-12-00069

U.S. Nuclear Regulatory Commission (NRC)  
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Babcock & Wilcox mPower, Inc.  
Docket Number-PROJ0776  
Project Number-776

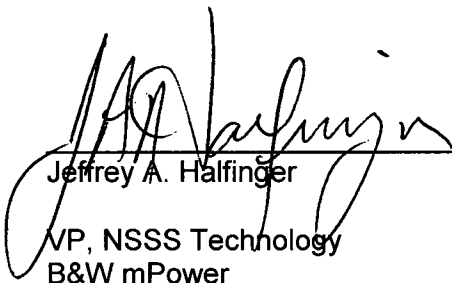
Subject: Schedule Update for the Supplement to Topical Report: "Core Nuclear Design Codes and Methods Qualification", R003-03-002106

The purpose of this letter is to update the NRC on the status of key analytical efforts that will lead to the completion and submittal of the supplement to the subject topical report dated August 2010. In the latest B&W response to NRC's Regulatory Issue Summary 2011-02-Revision 1, dated February 9, 2012, it was documented that this topical report supplement would be submitted to the NRC by the second quarter of 2012.

The analysis and information under final development for this report supplement includes a comparison of MCNPX (Version 2.7.0) to our design basis analysis code, CASMO-5/SIMULATE-3, for a reference mPower™ core design. We had been striving to meet the June commitment date, but experienced some delays, first by the later than expected release of the MCNPX 2.7.0 code and then with computer processing challenges. Most recently, additional delays were encountered as a result of the extended power outage in Lynchburg.

Therefore, we must update our commitment to provide the supplemental report to the NRC by August 31, 2012. It will include the information noted above and the level of detail that has been discussed with the NRC technical staff in recent meetings. We welcome any necessary discussions about this commitment change and look forward to submitting this supplemental information to facilitate the initiation of the NRC technical staff review process.

Questions concerning this letter may be directed to Jeff Halfinger at 434-316-7507 (email: [jahalfinger@babcock.com](mailto:jahalfinger@babcock.com)) or Peter Hastings at 434-382-9791 (email: [pshastings@generationmpower.com](mailto:pshastings@generationmpower.com)).



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