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March 31, 2010

BW-JAH- 2010-211

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

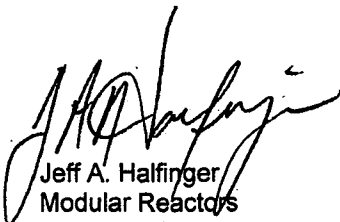
Subject: Submittal of Topical Report 08-00000320-000, Revision 0, "Quality Assurance Program for the Design Certification of the B&W mPower™ Reactor"


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 the Design Certification for the B&W mPower™ commercial Advanced Light Water Reactor, in accordance with the process defined in Title 10, Part 52, of the Code of Federal Regulations, "Licenses, Certifications, and Approvals for Nuclear Power Plants." B&W is continuing to advance the design, and is committed to submittal of an application for Design Certification for the B&W mPower reactor.

As proposed in B&W Letter BW-JAH-2009-028 to Dr. Michael E. Mayfield (NRC), dated December 17, 2009, enclosed is Topical Report 08-00000320-000, Revision 0, "Quality Assurance Program for the Design Certification of the B&W mPower™ Reactor." This topical report describes the Quality Assurance Program applicable to the design activities for the B&W mPower™ modular reactor.

B&W has announced, effective April 1, 2010, a consolidation of B&W Modular Nuclear Energy and the B&W Nuclear Power Generation Group, Inc. into a new operating group, B&W Nuclear Energy, Inc. (B&W NE). As such, changes in description of the organizational title, functions, responsibilities and authority have been incorporated in this topical report as appropriate.

Questions concerning this submittal may be directed to T. J. Kim at 434-382-9791 (email: tjkim@babcock.com) or to Jeff Halfinger at 434-316-7507 (email: jahalfinger@babcock.com).


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JAH/

cc: Joelle L. Starefos, NRC, TWFN-6 E4
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NRD