



babcock & wilcox nuclear power generation

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U.S. Nuclear Regulatory Commission
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One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: B&W *mPower*™ Modular Reactor Approach to Reactivity Control

The B&W Nuclear Power Generation Group is planning a meeting with the NRC staff for July 7, 2009. This meeting will consist of both an open and closed session, to discuss the B&W *mPower*™ reactor design. During the closed session, proprietary information regarding the approach to reactivity control is planned for presentation to the NRC.

The attached paper describing the B&W *mPower* approach to reactivity control and compliance with applicable regulations is being submitted to provide the staff with the best information available at this stage of design in advance of the meeting. Portions of the paper contain B&W Confidential Commercial Information which should be withheld from public disclosure. The attached affidavit details the reasons the identified information should be withheld. The affidavit itself contains B&W Confidential Commercial Information which should also be withheld from public disclosure.

A redacted (non-proprietary) version of the attached paper will be provided separately at a later date.

Questions concerning this submittal may be directed to Jeff Halfinger at 434-522-5941 (Email: jahalfinger@babcock.com).

Mitchell for JAHALFINGER

Jeff A. Halfinger

JAH

cc: Thomas J. Kenyon, NRC, TWFN- 6 C34
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