

June 6, 2011

COMPANY: BABCOCK & WILCOX COMPANY
DESIGN: MPOWER REACTOR DESIGN
SUBJECT: SUMMARY OF FEBRUARY 22, 2011, CLOSED MEETING WITH THE
NUCLEAR REGULATORY COMMISSION STAFF AND BABCOCK & WILCOX
COMPANY REGARDING THE MPOWER CRITICAL HEAT FLUX TEST PLAN
(TAC NO.RN6091)

On February 22, 2011, staff from the U.S. Nuclear Regulatory Commission (NRC) met with representatives from the Babcock & Wilcox (B&W) Company, at NRC Headquarters in Rockville, MD. The purpose of the closed meeting was to discuss the critical heat flux (CHF) test plan for the mPower design previously submitted to the NRC as Technical Report 06-00000334-000, "B&W mPower CHF Test and Correlation Development Plan," a proprietary document for NRC staff consideration dated April 27, 2010. The non-proprietary, redacted version of that technical document is available through the Agencywide Documents Access and Management System (ADAMS) at accession number ML101270269.

B&W provided an update of the mPower design and technology overview. In addition, B&W described the development of testing programs, core design requirements for the departure from nucleate boiling ratio, the core thermal-hydraulic model, and different testing configurations and correlations for the mPower core design.

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. The ADAMS accession number for the non-proprietary, redacted version of B&W's slide presentation is ML110380242. ADAMS is the system that provides text and image files of NRC's public documents. Documents are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

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Please direct any inquiries to Joelle Starefos at 301-415-6091, or email Joelle.Starefos@nrc.gov, or Yanelly Malave at 301-415-1519, or email Yanelly.Malave@nrc.gov.

Sincerely,

/RA/

Joelle L. Starefos, Senior Project Manager
Advanced Reactor Branch 2
Advanced Reactor Program
Office of New Reactors

Docket No.: PROJ0776

Enclosure:

1. Agenda
2. Attendance List

cc w/encl: DC B&W mPower Mailing List

Please direct any inquiries to Joelle Starefos at 301-415-6091, or email Joelle.Starefos@nrc.gov, or Yanelly Malave at 301-415-1519, or email Yanelly.Malave@nrc.gov.

Sincerely,

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Joelle L. Starefos, Senior Project Manager
Advanced Reactor Branch 2
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DATE	06/6/2011	06/6/2011

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AGENDA

**PUBLIC MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC)
AND BABCOCK & WILCOX (B&W)**

**FEBRUARY 22, 2011
1:00 p.m. – 4:00 p.m.**

Time	Topic	Lead
1:00 p.m. – 1:05 p.m.	Opening Remarks & Introductions	NRC/B&W
1:05 p.m. – 1:30 p.m.	Overview of B&W mPower Design Features in Support of Discussion	B&W
1:30 p.m. – 3:50 p.m.	Discuss Topical Report R003-03-002106	B&W
3:50 p.m. – 3:55 p.m.	Opportunity for Public Comment	NRC
3:55 p.m.– 4:00 p.m.	Adjourn	NRC

ATTENDANCE LIST

**Public Meeting Between Babcock & Wilcox (B&W) and the U.S. Nuclear Regulatory
Commission (NRC)
Regarding the mPower Critical Heat Flux Test Plan**

**February 22, 2011
1:00 p.m. – 4:00 p.m.**

Name	Organization
Andre Drozd	NRC
Andrew Bielen	NRC
Bob Fitzpatrick	NRC
Dave Farnswerth	B&W
Doug Lee	B&W
Gary Neeley	B&W
Intiaz Madni	NRC
Jan Mazza	NRC
Jeannie Rinckel	First Energy
Jeff Halfinger	B&W
Jeffrey Schmidt	NRC
Joelle Starefos	NRC
Marlayna Vaaler	NRC
Mike Childerson	B&W
Peter Lien	NRC
Ray Skarda	NRC
Ross Moore	NRC
Ryan Wagner	NRC
Shanlai Lu	NRC
Steven Pope	B&W
Stewart Magruder	NRC
Thomas Spink	TVA
TJ Kim	B&W
Vince Bilovsky	B&W
Yanely Malave	NRC

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