

June 1, 2011

COMPANY: BABCOCK & WILCOX COMPANY

DESIGN: MPOWER REACTOR DESIGN

SUBJECT: SUMMARY OF CLOSED MEETING WITH BABCOCK & WILCOX COMPANY
REGARDING THE SEISMIC DESIGN FOR THE MPOWER REACTOR PLANT
(TAC NO. RN6075)

On May 17, 2010, staff from the U.S. Nuclear Regulatory Commission (NRC) met with representatives from the Babcock & Wilcox (B&W) Company at the Legacy Hotel, 1775 Rockville Pike, Rockville, MD. The purpose of the meeting was to discuss mPower development and selection of certified seismic design response spectra for the mPower reactor plant design. Enclosures 1 and 2 are the meeting agenda and meeting attendees, respectively. A summary of the meeting is included below.

During the meeting, B&W described the mPower plant layout and general arrangement of primary structures. In addition, B&W discussed their approach to determine the ground motion response spectra considering the 2008 U.S. Geological Survey seismic hazard data, the selection process associated with the certified seismic design response spectra, and the approach to select the vertical/horizontal ratio for the mPower design.

The B&W slide presentation is available through the Agencywide Documents Access and Management System (ADAMS). ADAMS accession number for the non-proprietary, redacted version of the slide presentation is ML11139A279. 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 and may be reached by typing the following URL into your web browser: <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 (PDR) staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

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Please direct any inquiries to me at 301-415-1519, email yanely.malave@NRC.gov, or Joelle Starefos at 301-415-6091, email Joelle.Starefos@nrc.gov.

Sincerely,

/RA/

Yanely Malave-Velez, 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: B&W mPower Mailing List

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AGENDA

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

MAY 17, 2011; 1:00 pm - 4:00 pm

Time	Topic	Lead
1:00 pm – 1:10 pm	Opening Remarks & Introductions	NRC
1:10 pm – 4:00 pm	Discuss Seismic Design	B&W
4:00 pm	Adjourn	All

ATTENDANCE LIST

CLOSED MEETING BETWEEN B&W AND THE NRC REGARDING THE SEISMIC DESIGN FOR THE MPOWER REACTOR PLANT

MAY 17, 2011

Name	Organization
Annie Kammerer	NRC
Abdul H. Kazi	NRC
Bhagwat Jain	NRC
Chester Poslusny	B&W
Cliff Munson	NRC
Farhand Ostaden	Bechtel
Jack Demitz	Bechtel
Jan Mazza	NRC
Jeannie Rinckel	First Energy
Jim Saldarini	Bechtel
Joe Litehiser	Bechtel
Joelle Starefos	NRC
Jon Ake	NRC
Laurel Bauer	NRC
Lewis Hartless	B&W
Martin Reifschneider	Bechtel
Michael McHood	Bechtel
Mike Childerson	B&W
Peter Carrato	Bechtel
Ron Beck	Bechtel
Stephanie Devlin	NRC
Steve Kline	Bechtel
Steven Pope	B&W
Sunwoo Park	NRC
Susan Vrahoretis	NRC
Ted Feigenbaum	Generation mPower
Thom Herrity	NRC
Thomas Spink	TVA
TJ Kim	B&W
Vladimir Graizer	NRC
Weijun Wang	NRC
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