

May 27, 2011

COMPANY: BABCOCK & WILCOX COMPANY
DESIGN: MPOWER SMALL MODULAR REACTOR
SUBJECT: SUMMARY OF APRIL 21, 2011, CLOSED MEETING WITH THE NUCLEAR REGULATORY COMMISSION STAFF AND BABCOCK & WILCOX COMPANY REGARDING THE BABCOCK & WILCOX MPOWER DESIGN OVERVIEW TECHNICAL REPORT (TAC NO.RN6075)

On April 21, 2011, staff from the U.S. Nuclear Regulatory Commission (NRC) met with representatives from the Babcock & Wilcox (B&W) Company, at The Legacy Hotel and Conference Centre in Rockville, MD. The purpose of the meeting was to discuss the B&W mPower reactor design.

B&W and contractors made presentations on the plant overview, reactor, fuel & core design, nuclear systems, instrumentation and control systems, site layout, safety analysis, and test programs. NRC staff was given the opportunity to ask questions after each presentation.

The meeting agenda and attendance list are included in Enclosures 1 and 2. The B&W slide presentations are available through the Agencywide Documents Access and Management System (ADAMS). The ADAMS accession number for the non-proprietary, redacted version of the slide presentation is ML11117A155. The questions asked by NRC staff during the meeting and B&W's answers to the questions were documented. The ADAMS accession number of the non-proprietary redacted version of the NRC staff questions and B&W responses is ML111450165. 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 (PDR) staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

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Please direct any inquiries to Jan Mazza at 301-415-0498, email Jan.Mazza@NRC.gov, or Joelle Starefos at 301-415-6091, email Joelle.Starefos@nrc.gov.

Sincerely,

/RA/

Jan M. Mazza, Project Manager
Advanced Reactors Branch 2
Advanced Reactor Program
Office of New Reactors

Docket No.: PROJ0776

Enclosures:

1. Agenda
2. Attendance List

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

Please direct any inquiries to Jan Mazza at 301-415-0498, email Jan.Mazza@NRC.gov, or Joelle Starefos at 301-415-6091, email Joelle.Starefos@nrc.gov.

Sincerely,

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Jan M. Mazza, Project Manager
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Enclosures:

1. Agenda
2. Attendance List

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NAME	JMazza	JStarefos
DATE	05/26/2011	05/27/2011

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AGENDA
Non-Public Babcock & Wilcox (B&W) mPower Reactor Design Overview Meeting
 Thursday April 21, 2011
 8:30 am – 4:00 pm
 The Legacy Hotel and Conference Centre

TIME	TOPIC	LEAD SPEAKER
8:30-8:45 a.m.	INTRODUCTION	Jeff Halfinger
8:45-9:00	PLANT OVERVIEW	Mike Childerson
9:00-10:30	REACTOR	Mike Edwards
<i>10:30-10:45</i>	<i>-----BREAK-----</i>	<i>ALL</i>
10:45-11:15	FUEL/CORE DESIGN	Vince Bilovsky
11:15-12:00	PRIMARY SYSTEMS	John Malloy
<i>12:00-1:00 p.m.</i>	<i>-----LUNCH-----</i>	<i>ALL</i>
1:00-1:30	I&C SYSTEMS	Brian Arnholt
1:30-2:30	SITE LAYOUT	Al Scott
<i>2:30-2:45</i>	<i>-----BREAK-----</i>	<i>ALL</i>
2:45-3:15	SAFETY ANALYSIS	Eric Williams
3:15-3:45	TEST PROGRAMS	Doug Lee
3:45-4:00	SUMMARY	Jeff Halfinger

ATTENDANCE LIST
Non-Public Babcock and Wilcox (B&W) mPower Reactor Design Overview Meeting
Thursday April 21, 2011
8:30 am – 4:00 pm

Name	Affiliation
Sunwoo Park	NRC/NRO/DE/SEB1
Brent Clayton	NRC/NRO/DSER
Ian Tseng	NRC/NRO/DE/EMB2
Ryan Nolan	NRC/NRO/DSRA/SBPA
Diego Saenz	NRC/NRO/DSRA/SRSB
Chester Poslusny	B&W
Theresa Clark	NRC/NRO/DSRA
Yanely Malave	NRC
Edward Stutzcage	NRC/NRO
Hien Le	NRC/NRO
Abdul H. Kazi	NRC/NRO/DE/SEB2
Yong Li	NRO/DSER/RGS2
Edward McCann	NRO/DSRA/SBPA
Neil Ray	NRO/DE/CIB
Yiu Law	NRO/DE/EMB1
Terri Spicher	NRO/DE/EMB1
John Honcharik	NRO/DE/CIB1
Ray Skarda	NRC/RES/DSA
Andrzej Drozd	NRO/DSRA
T.J. Kim	B&W Gen. mPower
Stu Magruder	NRC/NRO
John Voglewede	NRC/RES/DSA
John Budzynski	NRC/NRO/DSRA/SRSB
Jan Mazza	NRC/NRO/ARB2
Bhagwat Jain	NRC/NRO/DE/SEB1
John Ma	NRC/NRO/DE/SEB1
Jean-Claude Dehmel	NRC/NRO/DCIP/CHPB
Thomas Morgan	B&W Generation mPower
Don Algama	NRC/RES/DSA/FSTB
Bob Fitzpatrick	NRC/NRO/DE/EEB
Michelle Hart	NRC/NRO/DSER/RSAC
Michelle Hayes	NRC/NRO/DSRA
Doug Lee	B&W mPower
Thomas Kendzia	NRC/NRO/DCIP/CQVA

Attendance List (Continued)

P.Y. Chen	NRC/NRO/DE/EMB
David Diec	NRC/NSIR
Joe Williams	NRO/ARP/ARB1
Anne Marie Grady	NRO/DSRA/SPCV
Francis Talbot	NRO/DCIP/CQVA
Jerry Chuang	NRO/DE/SEB1
Renee Li	NRO/DE/EMB2
Chang-Yang Li	NRO/DSRA/SBPB
Craig Harbuck	NRO/DCIP/CTSB
Syed Haider	NRO/DSRA/SBCV
Dan Santos	NRO/DE
Pete Lee	NRC/NSIR
Steve Kline	Bechtel
Steve Pope	B&W Generation mPower
Jim Saldarini	Bechtel
Mike Childerson	B&W Generation mPower
Thomas Kenyon	NRC/NRO/ARP
Brent Clarke	NRO/DCIP
Joelle Starefos	NRO
Goutam Bagchi	NRO/DSER
Paul K. DeSantis	B&W NOG-EMD
Robert J. Prady	Curtiss Wright-EMD
Curt Horomanski	Curtiss Wright-EMD
Arlon Costa	NRC/ NRO/ARP
John Smith	NRC/ NRO/ARP
Jim O'Driscoll	NRO/DSRA/SPCV
A.H. Hsia	NRC/NRO/DE/EMB1
Dan Barss	NRC/NSIR
Erick Martinez	NRO/DE/ICE2
John McKirgan	NRO/DSRA/SPCV
Sardar Ahmed	NRC/NRO/EMBB2
Tom Kevern	NRC/NRO/ARP
Al Scott	Bechtel
Tom Graham	B&W Affiliate
Steve Bajorek	NRC/RES
Mohsen Khatib-Rahbar	Energy Research Inc.
Imtiaz Madni	NRC/RES
Vince L. Williams	NRC/NSIR
Jason Huang	NRC/NRO/DE
Jason Williams	B&W Generation mPower

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