

May 16, 2013

COMPANY: BABCOCK & WILCOX MPOWER, INC.

DESIGN: MPOWER™ REACTOR DESIGN

SUBJECT: SUMMARY OF APRIL 30, 2013, CLOSED MEETING WITH BABCOCK & WILCOX NUCLEAR MPOWER, INC, TO DISCUSS DESIGN ACCEPTANCE CRITERIA PLANS FOR PIPING AND REGULATORY TREATMENT OF NON-SAFETY SYSTEMS B LONG TERM COOLING FOR THE MPOWER DESIGN

On April 30, 2013, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Babcock & Wilcox (B&W) mPower, Inc at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Room: O-4 B06 Rockville, Maryland. The purpose of the meeting was to discuss design acceptance criteria (DAC) plans for piping and Regulatory Treatment of Non-Safety Systems (RTNSS) B long term cooling.

The meeting began with a presentation on the plan for piping DAC in the mPower™ design. B&W mPower discussed the scope, strategy and their approach to piping DAC. They also mentioned that lessons learned from previous design certification applications will be incorporated in the piping DAC. B&W mPower then presented information on their RTNSS B long term cooling. They discussed with the staff their emergency core cooling system (ECCS) for the mPower™ design.

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. B&W slide presentations are available through the Agencywide Documents Access and Management System (ADAMS). The ADAMS accession numbers for the non-proprietary, redacted version of the slide presentations are ML13105A066 (revised ML13123A101) for piping DAC and ML13105A069 (revised ML13123A100) for RTNSS B long term cooling. 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 me at 301-415-5864, or Courtney.StPeters@nrc.gov, or Joelle Starefos at 301-415-6091 (Joelle.Starefos@nrc.gov).

Sincerely,

/RA/

Courtney A. St. Peters, Project Manager
Small Modular Reactor Licensing Branch 1
Division of Advanced Reactors and
Rulemaking
Office of New Reactors

Project No.: PROJ0776

Enclosure:

1. Agenda
2. List of Attendees

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

Please direct any inquiries to me at 301-415-5864, or Courtney.StPeters@nrc.gov, or Joelle Starefos at 301-415-6091 (Joelle.Starefos@nrc.gov).

Sincerely,

/RA/

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Division of Advanced Reactors and
Rulemaking
Office of New Reactors

Project No.: PROJ0776

Enclosure:

1. Agenda
2. List of Attendees

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

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NRC-001

OFFICE	PM:NRO/DARR/SMRLB1	PM:NRO/DARR/SMRLB1
NAME	CStPeters	JStarefos (YMalave for)
DATE	05/16/2013	05/16/2013

OFFICIAL RECORD COPY

AGENDA

CLOSED MEETING BETWEEN BABCOCK & WILCOX (B&W) AND THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) REGARDING DESIGN ACCEPTANCE CRITERIA (DAC) PLANS FOR MPOWER: PIPING AND REGULATORY TREATMENT OF NON-SAFETY SYSTEMS (RTNSS) B LONG TERM COOLING

APRIL 30, 2013; 10:30AM-3:30PM

ONE WHITE FLINT NORTH, ROOM O-04B06

TIME	TOPIC	LEAD
10:30am-10:40am	Opening and Introductions	NRC/B&W
10:40am-12:00pm	DAC Plans for mPower: Piping	B&W
12:00pm-1:00pm	Lunch	ALL
1:00pm-2:00pm	RTNSS B Long Term Cooling	B&W
2:00pm-2:15pm	Break	ALL
2:15pm-3:30pm	RTNSS B Long Term Cooling	B&W
3:30pm	Adjourn	NRC

ATTENDANCE LIST

CLOSED MEETING BETWEEN BABCOCK & WILCOX (B&W) AND THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) REGARDING DAC PLANS FOR MPOWER: PIPING AND RTNSS B LONG TERM COOLING

April 30, 2013

NAME	ORGANIZATION
Joelle Starefos	NRO/DARR/SMRLB1
Mark Caruso	NRO/DSRA/SPRA
Chang-Yang Li	NRO/DSRA/BPTS
Brad Harvey	NRO/DSEA/RHMB
Carl Weber	NRO/DCIP/CIPB
Anne-Marie Grady	NRO/DSRA/SCVB
Jan Mazza	NRO/DARR/SMRLB1
Larry Wheeler	NRO/DSRA/BPTS
Robert Davis	NRO/DE/CIB
Courtney St. Peters	NRO/DARR/SMRLB1
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Harry Wagage	NRO/DSRA/SCVB
Ron LaVera	NRO/DSEA/RPAC
Jeff Schmidt	NRO/DSRA/SRSB
T.R. Tjader	NRO/DSRA/BPTS
George Thomas	NRO/DSRA/SRSB
James Gilmer	NRO/DSRA/SRSB
Jonathan DeGange	NRC/NRO
David Terao	NRC/NRO
Ross Moore	NRC/NRO
Neil Ray	NRC/NRO
Eric Reichelt	NRC/NRO
Robert Hsu	NRC/NRO
Pei-Ying Chen	NRC/NRO/DE
John Wu	NRC/NRO/DE
Ian Cozens	NRC/NRO/DCIP/CITB
Ryan Nolan	NRC/NRO/BPFP

Enclosure 2

Sean Boyle	B&W
David Kanuch	B&W
Kerri Madden	B&W
Paul DiFilipo	B&W
Mike Childerson	B&W
Sandra M. Sloan	B&W mPower
Russ Wells	B&W mPower
Eric Oesterle	Bechtel
Al Scott	Bechtel
Paul Lull	Bechtel
Keith Lippy	Bechtel
Pete Gaillard	TVA
Peter Hastings	GmP
Chester Poslusny	B&W mPower
Masrur Khan	Bechtel Power
Steven Pope	B&W mPower
Jim Saldarini	Bechtel Power
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(Revised 04/22/2013)

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