

April 21, 2011

COMPANY: BABCOCK & WILCOX COMPANY

DESIGN: MPOWER SMALL MODULAR REACTOR

SUBJECT: SUMMARY OF MARCH 23, 2011, CLOSED MEETING WITH THE NUCLEAR REGULATORY COMMISSION STAFF AND BABCOCK & WILCOX COMPANY REGARDING THE CONTROL ROD DRIVE MECHANISM DESIGN AND TESTING PROGRAM (TAC NO.RN6094)

On March 23, 2011, staff from the U.S. Nuclear Regulatory Commission (NRC) met with representatives from the Babcock & Wilcox (B&W) Company at NRC Headquarters, located at One White Flint North, 11555 Rockville Pike, Rockville, MD. The purpose of the meeting was to discuss the design overview, and the control rod drive mechanism (CRDM) design and testing program.

B&W presented information on the CRDM and testing program as was introduced in their technical report titled "Control Rod Drive Mechanism Design Details and Development Plan." B&W addressed information related to the CRDM design criteria, the design and operation of the CRDM, and material selection for the CRDM. They also discussed which components were and were not specified as safety-related within the CRDM. B&W also discussed their testing plan for the CRDM including the types of tests to be performed and how those tests would be performed.

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. B&W's 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 ML110670592. 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 Ross Moore at 301-415-6061, email Ross.Moore@nrc.gov, or Joelle Starefos at 301-415-6091, email Joelle.Starefos@nrc.gov.

Sincerely,

/RA/

Ross P. Moore, 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: See next page

Please direct any inquiries to Ross Moore at 301-415-6061, email Ross.Moore@nrc.gov, or Joelle Starefos at 301-415-6091, email Joelle.Starefos@nrc.gov.

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1. Agenda
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NRC-001

OFFICE	PM:NRO/ARP/ARB2	PM:NRO/ARP/ARB2
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AGENDA
BABCOCK & WILCOX (B&W) MEETING WITH
NUCLEAR REGULATORY COMMISSION STAFF (NRC)
MARCH 23, 2011

Time	Topic	Lead
1:00 pm – 1:10 am	Opening Remarks & Introductions	NRC
1:10 pm – 4:00 pm	Discuss Control Rod Drive Mechanism Technical Report	B&W
4:00 pm	Adjourn	All

Enclosure

ATTENDANCE LIST

**Closed Meeting Between Babcock & Wilcox (B&W) and Nuclear Regulatory Commission Staff (NRC) Regarding the Control Rod Drive Mechanism Design and Testing Program
Wednesday, March 23, 2011 – 1:00pm – 4:00pm**

NAME	ORGANIZATION
Alan Vormelker	B&W/mPower
Andrew Bielen	NRC/NRO/DSRA
Anne-Marie Grady	NRC/NRO/DSRA/SPCV
Chester Poslusny	B&W
Chris Van Wert	NRC/NRO/DSRA
Doug Lee	B&W/mPower
Gary Neeley	B&W/mPower
James Gilmer	NRC/NRO/DSRA
Jan Mazza	NRC/NRO/ARP
Jason Huang	NRC/NRO/DE
Joel Jenkins	NRC/NRO/DE
Joelle Starefos	NRC/NRO/ARP
John Smith	NRC/NRO/ARP
Kevin Stambaugh	B&W/mPower
Mike Edwards	B&W/mPower
Neil Ray	NRC/NRO/DE
Paul K DeSantis	B&W/mPower
Pei-Ying Chen	NRC/NRO/DE
Robert Davis	NRC/NRO/DE
Ron LaVera	NRC/NRO/DCIP/CHPB
Ross Moore	NRC/NRO/ARP
Steve Pope	B&W/mPower
Steve Williams	NRC/NRO/CHPB (via telecom)
Steven Downey	NRC/NRO/DE
Stu Magruder	NRC/NRO/ARP
Tamara Powell	NRC/NRO/ARP
Vince Bilovsky	B&W/mPower
Yanely Malave	NRC/NRO/ARP
Yuken Wong	NRC/NRO/DE

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