

July 15, 2010

MEMORANDUM TO: Stewart L. Magruder, Branch Chief
Advanced Reactor Branch 2
Advanced Reactor Program
Office of New Reactors

FROM: Matthew J. Humberstone, Project Manager */RA/*
Advanced Reactor Branch 2
Advanced Reactor Program
Office of New Reactors

SUBJECT: FORTHCOMING CLOSED MEETING WITH THE NUCLEAR
REGULATORY COMMISSION STAFF AND BABCOCK & WILCOX
COMPANY (B&W) REGARDING THE FUEL CORE DESIGN FOR
THE MPOWER REACTOR

DATE & TIME: Thursday, July 29, 2010
1:00 p.m. - 4:00 p.m.

LOCATION: The Legacy Hotel & Meeting Centre
1775 Rockville Pike, Salon I Room
Rockville, MD 20852

PURPOSE: To discuss the fuel core design for the Babcock & Wilcox mPower
Reactor.

MEETING CONTACTS: Matthew Humberstone, NRO/ARP
301-415-6007
Matthew.Humberstone@nrc.gov

Joelle Starefos, NRO/ARP
301-415-6091
Joelle.Starefos@nrc.gov

S. Magruder

-2-

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO) and the Office of Nuclear Regulatory Research (RES).

NRC

Stewart Magruder, NRO
Stuart Rubin, RES
Richard Lee, RES
Joelle Starefos, NRO
Matthew Humberstone, NRO, et al.

B&W

Jeff Halfinger
Mike Childerson
T.J. Kim
Gary Neeley
Chester Poslusny, et. al.

Project No.: 0776

Enclosure:
Agenda

cc: DC B&W mPower Mailing List

S. Magruder

-2-

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO) and the Office of Nuclear Regulatory Research (RES).

NRC

Stewart Magruder, NRO
Stuart Rubin, RES
Richard Lee, RES
Joelle Starefos, NRO
Matthew Humberstone, NRO, et al.

B&W

Jeff Halfinger
Mike Childerson
T.J. Kim
Gary Neeley
Chester Poslusny, et. al.

Project No.: 0776

Enclosure:
Agenda

cc: DC B&W mPower Mailing List

DISTRIBUTION:

OWFN Receptionist
TWFN Receptionist
RidsNroArpResource
RidsNroArpArb1_2
RidsAcrsAcnw_MailCenter
RidsOgcMailCenter
RidsOpaMail Resource
SRubin, RES
RLee, RES

ADAMS ACCESSION NO: ML101960230

NRC-001

OFFICE	PM:NRO/ARP/ARB2	PM:NRO/ARP/ARB2	BC:ARP/ARB2
NAME	MHumberstone/dlj	JStarefos	SMagruder
DATE	07/15/10	07/15/10	07/15/10

OFFICIAL RECORD COPY

AGENDA

CLOSED MEETING BETWEEN THE NRC AND BABCOCK & WILCOX (B&W) REGARDING THE MPOWER CORE AND FUEL DESIGN

Thursday, July 29, 2010
1:00 p.m. - 4:00 p.m.

TIME	TOPIC	LEAD
1:00 p.m. - 1:05 p.m.	Introduction	NRC
1:05 p.m. - 3:30 p.m.	Design Evolution Core and Fuel Design <ul style="list-style-type: none">• Mechanical• Neutronics• Thermal Hydraulics• Schedule/Status of Topical Report	B&W
3:30 p.m. - 3:55 p.m.	Questions/Discussion	NRC/B&W
3:55 p.m. - 4:00 p.m.	Adjourn	NRC

Enclosure

DC B&W mPower

(Revised 07/14/2010)

cc:

Mr. Lionel Batty
Nuclear Business Team
Grafftech
12300 Snow Road
Parma, OH 44130

Russell Bell
Nuclear Energy Institute
1776 I Street, NW
Suite 400
Washington, DC 20006-3708

Anne W. Cottingham
Assistant General Counsel
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006

Mr. Ian M. Grant
Canadian Nuclear Safety Commission
280 Slater Street, Station B
P.O. Box 1046
Ottawa, Ontario
K1P 5S9

Mr. Eugene S. Grecheck
Vice President
Nuclear Support Services
Dominion Energy, Inc.
5000 Dominion Blvd.
Glen Allen, VA 23060

J.A. Halfinger
B&W mPower Program Developer
The Babcock & Wilcox Company
800 Main Street
P.O. Box 1180
Lynchburg, VA 24505-1180

Michael L. Hammond
Technological Hazards Program Office
Radiological Emergency Preparedness
Program, Region X
U.S. Department of Homeland Security
130 228th Street, SW
Bothell, WA 98021

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy and
Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. T.J. Kim
mPower Licensing Manager
B&W Nuclear Power Generation Group, Inc.
The Babcock & Wilcox Company
800 Main Street
P.O. Box 1180
Lynchburg, VA 24505-1180

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Mr. Dobie McArthur
Director, Washington Operations
General Atomics
1899 Pennsylvania Avenue, NW
Suite 300
Washington, DC 20006

Mr. David Repka
Winston & Strawn LLP
1700 K. Street, NW
Washington, DC 20006-3817

Mr. Ron Simard
6170 Masters Club Drive
Suwanne, GA 30024

DC B&W mPower

Carlos Sisco
Senior Paralegal
Winston & Strawn LLP
1700 K Street NW
Washington, DC 20006

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

Mr. Ed Wallace
General Manager - Projects
PBMR Pty LTD
P. O. Box 9396
Centurion 0046
Republic of South Africa

DC B&W mPower

Email

Alan.Levin@areva.com (Alan Levin)
APH@NEI.org (Adrian Heymer)
bevans@enercon.com (Bob Evans)
BrinkmCB@westinghouse.com (Charles Brinkman)
cee@nei.org
charles.bagnal@ge.com
chris.maslak@ge.com (Chris Maslak)
collinlj@westinghouse.com (Leslie Collins)
curtisslaw@gmail.com (Jim Curtiss)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
deborah@hyperionpowergeneration.com (Deborah Ann Blackwell)
elyman@ucsusa.org
erg-xl@cox.net (Eddie R. Grant)
F.Shahrokhi@AREVA.Com (Farshid Shahrokhi)
gcesare@enercon.com (Guy Cesare)
jahalfinger@babcock.com (Jeff Halfinger)
james.beard@gene.ge.com (James Beard)
jerald.head@ge.com (Jerald G. Head)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
Jim.Kinsey@inl.gov (James Kinsey)
jim.riccio@wdc.greenpeace.org (James Riccio)
JNR@NuScalePower.com (Jose N. Reyes)
klingscl@westinghouse.com (Charles King)
kouhestani@msn.com (Amir Kouhestani)
KSutton@morganlewis.com (Kathryn M. Sutton)
Kwelter@NuScalePower.com (Kent Welter)
lchandler@morganlewis.com (Lawrence J. Chandler)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
mark.holbrook@inl.gov (Mark Holbrook)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
meross@babcock.com (Megan Rossi)
mgiles@entergy.com (M. Giles)
murawski@newsobserver.com (John Murawski)
mwetterhahn@winston.com (M. Wetterhahn)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
PLorenzini@NuScalePower.com (Paul Lorenzini)
pshastings@duke-energy.com (Peter Hastings)
rbarrett@astminc.com (Richard Barrett)
rereimels@babcock.com (R.E. Reimels)
RSnuggerud@NuScalePower.com (Ross Snuggerud)
sandra.sloan@areva.com (Sandra Sloan)

DC B&W mPower

sfrantz@morganlewis.com (Stephen P. Frantz)
shobbs@enercon.com (Sam Hobbs)
stephan.moen@ge.com (Stephan Moen)
steven.hucik@ge.com (Steven Hucik)
Tansel.Selekler@nuclear.energy.gov (Tansel Seleker)
tgado@roe.com (Burns & Roe)
TJKim@babcock.com (T.J. Kim)
tom.miller@hq.doe.gov (Tom Miller)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
whorin@winston.com (W. Horin)