May 7, 2012

MEMORANDUM TO: Stewart L. Magruder, Branch Chief
Projects Branch
Division of Advanced Reactors and Rulemaking
Office of New Reactors

FROM: Joelle L. Starefos, Senior Project Manager ***/RA/***
Projects Branch
Division of Advanced Reactors and Rulemaking
Office of New Reactors

SUBJECT: FORTHCOMING CLOSED MEETING WITH GENERATION MPOWER, BABCOCK & WILCOX, AND BECHTEL TO DISCUSS THE MPOWER SEISMIC AND SOIL INTERACTION ANALYSIS

DATE & TIME: Thursday, May 17, 2012
8:30 a.m. - 3:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North Building
Room T-10A1
11558 Rockville Pike
Rockville, MD 20852

PURPOSE: The purpose of this closed meeting is to provide an update of the current methodology employed for performing seismic and soil interaction analysis for Generation mPower Nuclear Island Design

MEETING CONTACT: Joelle Starefos, NRO/DARR
301-415-6091
Joelle.Starefos@nrc.gov

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO).

NRC	MPOWER
Stewart Magruder, NRO	Chet Poslusny, et. al.
Joelle Starefos, NRO, et. al.	

Docket No.: PROJ0776

Enclosure:
Agenda

cc: DC B&W mPower Mailing List

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO).

NRC	MPOWER
Stewart Magruder, NRO	Chet Poslusny, et. al.
Joelle Starefos, NRO, et. al.	

Docket No.: PROJ0776

Enclosure:
Agenda

cc: DC B&W mPower Mailing List

DISTRIBUTION:
DARR R/F
RidsOgcMailCenterResource
NRO_DARR_Distribution

ADAMS ACCESSION NO.: ML12128A041 **NRC-001**

OFFICE	PM:NRO/DARR/APRB	PM:NRO/DARR/APRB
NAME	YMalave (JMazza for)	JStarefos
DATE	05/7/2012	05/7/2012

OFFICIAL RECORD COPY

TENTATIVE AGENDA

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

MAY 17, 2012; 8:30AM-3:00PM

TIME	TOPIC	LEAD
8:30 am – 9:00 am	Introduction / Update on the Generation mPower Plant Layout	B&W
9:00 am – 9:45 am	Seismic Analysis Update	B&W
9:45 am – 10:00 am	BREAK	ALL
10:00 am – 10:30 am	Summary of EPRI CEUS Report	B&W
10:30 am – 11:30 am	Soil-Structure Interaction Analysis Using SASSI	B&W
11:30 am – 1:00 pm	LUNCH BREAK	ALL
1:00 pm – 1:45 pm	2D & 3D Soil-Structure Interaction Studies	B&W
1:45 pm – 2:10 pm	Description of the Nuclear Island SSI Model	B&W
2:10 pm – 2:40 pm	Structural Analysis Plan and Considerations for Groundwater and Probable Maximum Flood	B&W
2:40 pm – 3:00 pm	Summary/Questions	NRC
3:00 pm.	Adjourn	NRC

Enclosure

cc:

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

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

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

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. 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

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

Email

Alan.Levin@areva.com (Alan Levin)
APH@NEI.org (Adrian Heymer)
asi@ornl.gov (Anita Benn)
awc@nei.org (Anne Cottingham)
badwan@lanl.gov (Faris Badwan)
bevans@enercon.com (Bob Evans)
BrinkmCB@westinghouse.com (Charles Brinkman)
cee@nei.org
charles.bagnal@ge.com (Charles Bagnal)
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)
dlfulton@southernco.com (Dale Fulton)
don.tormey@iub.iowa.gov
dsafer@comcast.net (Don Safer)
duane.fournier@iub.iowa.gov
ed.burns@earthlink.net (Ed Burns)
elyman@ucsusa.org (Ed Lyman)
erg-xl@cox.net (Eddie R. Grant)
ewallace@nuscalepower.com (Ed Wallace)
exa@nei.org (Ellen Anderson)
F.Shahrokhi@AREVA.Com (Farshid Shahrokhi)
flowerspa@ornl.gov (Paula Flowers)
frank.bodine@oca.iowa.gov (Frank Bodine)
gcesare@enercon.com (Guy Cesare)
gmokulczyk@energysolutions.com (Gair Okulczyk)
gmorg50@hotmail.com (Garry Morgan)
jahalfinger@babcock.com (Jeff Halfinger)
james1.beard@ge.com (James Beard)
jason.parker@pillsburylaw.com (Jason Parker)
jason.tokey@nuclear.energy.gov (Jason Tokey)
jcsaldar@bechtel.com (James Saldarini)
jerald.head@ge.com (Jerald G. Head)
Jim.Kinsey@inl.gov (James Kinsey)
jim.riccio@wdc.greenpeace.org (James Riccio)
jim.sundermeyer@iub.iowa.gov
JNR@NuScalePower.com (Jose N. Reyes)
kerri.johannsen@iub.iowa.gov
klingcl@westinghouse.com (Charles King)
kouhestani@msn.com (Amir Kouhestani)
krrowe@tva.gov (Kevin R. Rowe)
KSutton@morganlewis.com (Kathryn M. Sutton)

Kwelter@NuScalePower.com (Kent Welter)
larry.shi@oca.iowa.gov (Larry Shi)
larry.stevens@iub.iowa.gov
laura.andrews@CNSC-CCSN.GC.CA (Laura Andrews)
lchandler@morganlewis.com (Lawrence J. Chandler)
lgorenflo@gmail.com (L. Gorenflo)
libby.jacobs@iub.iowa.gov
luther.jones@dzatlantic.com (Luther B. Jones)
mack.thompson@iub.iowa.gov
maria.webb@pillsburylaw.com (Maria Webb)
mark.a.giles@dom.com (Mark Giles)
mark.beaumont@wsms.com (Mark Beaumont)
mark.holbrook@inl.gov (Mark Holbrook)
mark@npva.net
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
murawski@newsobserver.com (John Murawski)
parveen.baig@iub.iowa.gov
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
PLorenzini@NuScalePower.com (Paul Lorenzini)
poorewpiiI@ornl.gov (Willis P. Poore III)
rbarrett@astminc.com (Richard Barrett)
rereimels@babcock.com (R.E. Reimels)
rnicholas@ge.com (Robert Nicholas)
ronald.polle@oca.iowa.gov
RSnuggerud@NuScalePower.com (Ross Snuggerud)
sandra.sloan@areva.com (Sandra Sloan)
sfrantz@morganlewis.com (Stephen P. Frantz)
shobbs@enercon.com (Sam Hobbs)
spellmandj@ornl.gov (Donald J. Spellman)
stan.wolf@iub.iowa.gov
stephan.moen@ge.com (Stephan Moen)
steven.m.mirsky@saic.com (Steve Mirsky)
Tansel.Selekler@nuclear.energy.gov (Tansel Selekler)
tfeigenb@bechtel.com (Ted Feigenbaum)
tgado@roe.com (Burns & Roe)
timothy.beville@nuclear.energy.gov (Timothy Beville)
TJKim@babcock.com (T.J. Kim)
tom.miller@hq.doe.gov (Tom Miller)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
TomClements329@cs.com (Tom Clements)
tommy_pe2001@yahoo.com (Tommy Le)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
W.E.SMIT@southernco.com (William Smith)

DC B&W mPower

whorin@winston.com (W. Horin)