

August 29, 2012

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

APPLICATION: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN CERTIFICATION REVIEW

SUBJECT: SUMMARY OF THE JULY 12, 2012, UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN CENTER WORKING GROUP PUBLIC MEETING WITH MITSUBISHI HEAVY INDUSTRIES, LTD., LUMINANT GENERATION COMPANY, LLC., AND DOMINION VIRGINIA POWER TO DISCUSS THE PROGRAM STATUS

On July 12, 2012, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), Mitsubishi Heavy Industries, Ltd. (MHI), Luminant Generation Company LLC. (Luminant), and Dominion Virginia Power (Dominion), at the NRC offices in Rockville, Maryland. The meeting notice was issued on June 18, 2012, and was documented in the Agencywide Documents Access and Management System (ADAMS) under accession number ML12165A606. The notice included the meeting agenda. The purpose of the meeting was to discuss a programmatic review of the United States - Advanced Pressurized Water Reactor design center. The meeting presentation is publicly available in ADAMS under Accession Number ML12198A236. A list of attendees is provided as an enclosure

The NRC staff, MHI, Luminant, and Dominion presented a high level Design Certification Working Group (DCWG) summary of the program status. The following were the main topics that were discussed:

- Review Action Items from last DCWG.
- General NRC Update.
- Design Certification Review Status.
- Reference Combined License Review Status.
- Subsequent Combined License Review Status.
- Advisory Committee on Reactor Safeguards Meeting Schedule.
- Integrated DCWG Schedules.
- Special Generic Topics (e.g., Fukushima).
- Review of New Action Items.

MHI and the NRC staff agreed on the following new action item:

1. To hold a public meeting to discuss the actionable Requests for Additional Information for the Design Control Document Chapter 3, "Design of Structures, Systems, Components and Equipment;" (except Section 3.7 and Section 3.8) Chapter 4, "Reactor;" Chapter 6, "Engineered Safety Features;" and Chapter 19, "Probabilistic Risk Assessment and Severe Accident Evaluation."

Please direct any inquiries to me at 301-415-6391, or via e-mail to [Jeff.Ciocco@nrc.gov](mailto:Jeff.Ciocco@nrc.gov).

*/RA/*

Jeffrey Ciocco, Lead Project Manager  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-021, 52-034, 52-035, and 52-017

Enclosure:  
List of Attendees

cc w/enclosure: See next page

Please direct any inquiries to me at 301-415-6391, or via e-mail to [Jeff.Ciocco@nrc.gov](mailto:Jeff.Ciocco@nrc.gov).

*/RA/*

Jeffrey Ciocco, Lead Project Manager  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-021, 52-034, 52-035, and 52-017

Enclosure:  
List of Attendees

cc w/enclosure: See next page

DISTRIBUTION:

PUBLIC	RidsAcrsAcnwMailCenter	JMcKirgan, NRO	CPatel, NRO
LB2 R/F	RidsOgcMailCenter	TRoy, NRO	NOtto, NRO
D081	RidsNroDnrLb2	HPhan, NRO	SGonzalez, RES
D089	RidsNroLACSmith	DGalvin, NRO	RReyes, NRO
D090	RidsOpaMailCenter	ASnyder, NRO	DTerao, NRO
TScarborough, NRO	RidsNroDnrI	EMcKenna, NRO	

**ADAMS Accession No.: ML12240A255**

**NRC-001**

<b>OFFICE</b>	DNRL/LB2: PM	DNRL/LB2: LA	DNRL/LB2: PM (signed)
<b>NAME</b>	JCiocco	CMurphy	JCiocco
<b>DATE</b>	08/29/2012	08/29/2012	08/29/2012

**OFFICIAL RECORD COPY**

LIST OF ATTENDEES

Design Center Working Group Meeting with NRC Staff, Mitsubishi Heavy Industries, Ltd., Luminant, and Dominion to discuss program status on July 12, 2012

<u>NAME</u>	<u>AFFILIATION</u>
Joe Hegner	Dominion Virginia Power
Mark Giles	Dominion Virginia Power
Bobby Bird	Luminant Generation Company, LLC.
Don Woodlan	Luminant Generation Company, LLC.
John Conly	Luminant Generation Company, LLC.
Yoshiki Ogata	Mitsubishi Heavy Industries, Ltd.
Joseph Tapia	Mitsubishi Nuclear Energy Services, Inc.
Masatoshi Nagai	Mitsubishi Nuclear Energy Services, Inc.
Mike Melton	Mitsubishi Nuclear Energy Services, Inc.
Mike Tschiltz	Mitsubishi Nuclear Energy Services, Inc.
Nick Kellenberger	Mitsubishi Nuclear Energy Services, Inc.
Rebecca Steinman	Mitsubishi Nuclear Energy Services, Inc.
Russ Bywater	Mitsubishi Nuclear Energy Services, Inc.
Amy Snyder	Nuclear Regulatory Commission
Chandu Patel	Nuclear Regulatory Commission
David Terao	Nuclear Regulatory Commission
Dennis Galvin	Nuclear Regulatory Commission
Eileen McKenna	Nuclear Regulatory Commission
Francis Akstulewicz	Nuclear Regulatory Commission
Hahn Phan	Nuclear Regulatory Commission
Jeff Ciocco	Nuclear Regulatory Commission
John McKirgan	Nuclear Regulatory Commission
Ngola Otto	Nuclear Regulatory Commission
Ruth Reyes	Nuclear Regulatory Commission
Stephen Monarque	Nuclear Regulatory Commission
Tarun Roy	Nuclear Regulatory Commission
Sergio Gonzalez	Nuclear Regulatory Commission
Thomas Scarbrough	Nuclear Regulatory Commission

COL - North Anna Mailing List

(Revised 08/14/2012)

cc:

Friends of Lake Anna  
c/o Harry Ruth  
230 Heather Drive  
Bumpass, VA 23024

Attorney General  
Office of the Attorney General  
Commonwealth of Virginia  
900 East Main Street  
Richmond, VA 23219

C. Douglas Barnes  
Spotsylvania County Administrator  
P.O. Box 99  
Spotsylvania, VA 22553-0099

Mr. Jim Debiec  
Director - Power Production  
Old Dominion Electric Cooperation  
4201 Dominion Blvd.  
Glen Allen, VA 23060

Mr. R. Christian Eudailey  
Director  
Department of Fire, Rescue, and  
Emergency Services  
County of Spotsylvania  
P.O. Box 818  
Spotsylvania, VA 22553

Dr. Marc Holma  
Manager  
Office of Review and Compliance  
Virginia Department of Historic Resources  
2801 Kensington Avenue  
Richmond, VA 23221

Mr. Lawrence Katz  
218 Tara Woods Drive  
Bumpass, VA 23024

Mr. Edwin Keller  
Mayor  
Town of Mineral  
P.O. Box 316  
102 East First Street  
Mineral, VA 23117

Ms. Karen Mayne  
Supervisor  
Virginia Field Office  
U.S. Fish and Wildlife Service  
6669 Short Lane  
Gloucester, VA 23061

Ms. Karen A. McMahon  
15104 Cedar Lane  
Orange, VA 22960-9108

Mr. Dale G. Mullen  
County Administrator  
Louisa County  
P.O. Box 160  
Louisa, VA 23093

Karen Remley  
State Health Commissioner  
Office of the Commissioner  
Virginia Department of Health  
P.O. Box 2448  
Richmond, VA 23218

Mr. William C. Rolfe  
County Administrator-Orange County  
P.O. Box 111  
Orange, VA 22960

## COL - North Anna Mailing List

### Email

acpasswater@aol.com (Al Passwater)  
APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
cberger@energetics.com (Carl Berger)  
chris.funderburk@dom.com (Chris Funderburk)  
david.christian@dom.com (David Christian)  
David\_Sommers@dom.com (David Sommers)  
dbarnes@spotsylvania.va.us (C. Douglas Barnes)  
ed.burns@earthlink.net (Ed Burns)  
elirons@deq.virginia.gov (Ellie Irons)  
ero@nrc.gov (Eric Oesterle)  
gcesare@enercon.com (Guy Cesare)  
GovePA@BV.com (Patrick Gove)  
gzinke@entergy.com (George Alan Zinke)  
jerald.head@ge.com (Jerald G. Head)  
Jim.Kinsey@inl.gov (James Kinsey)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
ldwilkinson@gmail.com (Linda Wilkinson)  
lillian.cuoco@dom.com (Lillian Cuoco)  
marilyn.kray@exeloncorp.com  
mark.beaumont@wsms.com (Mark Beaumont)  
michael.cline@vdem.virginia.gov (Michael M. Cline)  
mpmurphy@deq.virginia.gov (Michael Murphy)  
MSF@nei.org (Marvin Fertel)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Richard.Reister@nuclear.energy.gov (Rich Reister)  
RJB@NEI.org (Russell Bell)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
stephan.moen@ge.com (Stephan Moen)  
tafaha@deq.virginia.gov (Tom Faha)  
tim.lough@scc.virginia.gov (Dr. William Lough)  
Tom.Bilik@nrc.gov (Thomas Bilik)  
tom.miller@hq.doe.gov (Tom Miller)  
tom.wilcox@dgif.virginia.gov (Thomas Wilcox)  
Tony\_Banks@dom.com (Tony Banks)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Vicki\_Hull@dom.com (Vicki Hull)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
wayne.marquino@ge.com (Wayne Marquino)  
wparrish@spotsylvania.va.us (Wanda Parrish)  
zoning@spotsylvania.va.us (Troy Tignor)

COL - Comanche Peak Mailing List  
cc:

(Revised 08/14/2012)

Certrec Corporation  
4150 International Plaza, Suite 820  
Fort Worth, TX 76109

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Director  
Division of Compliance & Inspection  
Bureau of Radiation Control  
Texas Department of State Health Services  
1100 West 49th Street  
Austin, TX 78756-3189

## COL - Comanche Peak Mailing List

### Email

acpasswater@aol.com (Al Passwater)  
APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
bfine@co.hood.tx.us (Brian Fine)  
Bill.Moore@luminant.com (Bill Moore)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
brock.degeyter@energyfutureholdings.com (Brock Degeyter)  
cindy@seedcoalition.org (Cindy)  
ck\_paulson@mnes-us.com (Keith Paulson)  
cp34update@certrec.com (CPNPP LRS)  
CumminWE@Westinghouse.com (Edward W. Cummins)  
cwaltman@roe.com (C. Waltman)  
david.lewis@pillsburylaw.com (David Lewis)  
Dennis.Buschbaum@luminant.com (Denny Buschbaum)  
derrell.mccravey@co.somervell.tx.us (Somervell County Chief Deputy Derrell McCravey)  
donald.woodlan@luminant.com (Donald Woodlan)  
ed.burns@earthlink.net (Ed Burns)  
eliza.seedcoalition@gmail.com (Elza Brown)  
Fred.Madden@luminant.com (Fred Madden)  
gedgar@morganlewis.com (George Edgar)  
gzinke@entergy.com (George Alan Zinke)  
JCaldwell@luminant.com (Jan Caldwell)  
jeff.simmons@energyfutureholdings.com (Jeff Simmons)  
John.Conly@luminant.com (John Conly)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
joseph\_tapia@mnes-us.com (Joseph Tapia)  
jrund@morganlewis.com (Jonathan Rund)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
lon.burnam@house.state.tx.us (Lon Burnam)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
masanori\_onozuka@mnes-us.com (Masanori Onozuka)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
media@nei.org (Scott Peterson)  
mike.blevins@luminant.com (Mike Blevins)  
mjohnson@citizen.org (Matt Johnson)  
mlucas3@luminant.com (Mitch Lucas)  
MSF@nei.org (Marvin Fertel)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
paul.gaukler@pillsburylaw.com (Paul Gaukler)

COL - Comanche Peak Mailing List

Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
plarimore@talisman-intl.com (Patty Larimore)  
rbird1@luminant.com (Bobby Bird)  
rdeeds@co.hood.tx.us (Hood County Sheriff Roger Deeds)  
RJB@NEI.org (Russell Bell)  
sabinski@suddenlink.net (Steve A. Bennett)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
shinji\_kawanago@mnes-us.com (Shinji Kawanago)  
stephan.moen@ge.com (Stephan Moen)  
tgilder1@luminant.com (Tim Gilder)  
tmatthews@morganlewis.com (T. Matthews)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)

DC Mitsubishi - US APWR Mailing List

(Revised 08/14/2012)

cc:

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Mr. Tony Robinson  
AREVA NP, Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

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

Mr. Gary Wright, Director  
Division of Nuclear Facility Safety  
Illinois Emergency Management Agency  
1035 Outer Park Drive  
Springfield, IL 62704

## DC Mitsubishi - US APWR Mailing List

### Email

acpasswater@aol.com (Al Passwater)  
APH@NEI.org (Adrian Heymer)  
atsushi\_kumaki@mhi.co.jp (Atsushi Kumaki)  
awc@nei.org (Anne W. Cottingham)  
bgattoni@roe.com (William (Bill) Gattoni)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
ck\_paulson@mnes-us.com (C Keith Paulson)  
ckpaulson@aol.com (C.K. Paulson)  
CumminWE@Westinghouse.com (Edward W. Cummins)  
cwaltman@roe.com (C. Waltman)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
DeLaBarreR@state.gov (R. DeLaBarre)  
donald.woodlan@luminant.com (Donald Woodlan)  
eliza.seedcoalition@gmail.com (Elza Brown)  
erg-xl@cox.net (Eddie R. Grant)  
erin\_wisler@mnes-us.com (Erin Wisler)  
ewallace@nuscalepower.com (Ed Wallace)  
f.tanaka@mnes-us.com  
gcesare@enercon.com (Guy Cesare)  
hiroki\_nishio@mhi.co.jp (Hiroki Nishio)  
james1.beard@ge.com (James Beard)  
jerald.head@ge.com (Jerald G. Head)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
joseph\_tapia@mnes-us.com (Joseph Tapia)  
jrappe@nuscalepower.com (Jodi Rappe)  
jrund@morganlewis.com (Jonathan Rund)  
kevin\_lynn@mnes-us.com (Kevin Lynn)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
lon.burnam@house.state.tx.us (Lon Burnam)  
m.goto@mnes\_us.com  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.a.giles@dom.com (Mark Giles)  
mark.beaumont@wsms.com (Mark Beaumont)  
masahiko\_kaneda@mhi.co.jp (Masahiko Kaneda)  
masanori\_onozuka@mnes-us.com (Masanori Onozuka)  
masatoshi\_nagai@mnes-us.com (Masatoshi Nagai)  
masayuki\_kambara@mhi.co.jp (Masayuki Kambara)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
media@nei.org (Scott Peterson)  
MSF@nei.org (Marvin Fertel)  
nan\_sirat@mnes-us.com (Sirirat Mongkolkam)

DC Mitsubishi - US APWR Mailing List

nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
paul.gaukler@pillsburylaw.com (Paul Gaukler)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
plarimore@talisman-intl.com (Patty Larimore)  
rebecca\_steinman@mnes-us.com (Rebecca Steinman)  
RJB@NEI.org (Russell Bell)  
ryan\_sprengel@mnes-us.com (Ryan Sprengel)  
sabinski@suddenlink.net (Steve A. Bennett)  
satoshi\_hanada@mnes-us.com (Satoshi Hanada)  
satoshi\_watanabe@mnes-us.com (Satoshi Watanabe)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
shinji\_kawanago@mnes-us.com (Shinji Kawanago)  
stephan.moen@ge.com (Stephan Moen)  
strambgb@westinghouse.com (George Stramback)  
Tansel.Selekler@nuclear.energy.gov (Tansel Selekler)  
tgilder1@luminant.com (Tim Gilder)  
tmatthews@morganlewis.com (T. Matthews)  
tom.miller@hq.doe.gov (Tom Miller)  
trsmith@winston.com (Tyson Smith)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
vijukrp@westinghouse.com (Ronald P. Vijuk)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
whorin@winston.com (W. Horin)  
yoshiki\_ogata@mhi.co.jp (Yoshiki Ogata)