

August 11, 2010

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

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

SUBJECT: SUMMARY OF THE JULY 13 - 15, 2010, PUBLIC MEETING WITH MITSUBISHI HEAVY INDUSTRIES, LTD. TO DISCUSS THE REVIEW OF THE UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION

On July 13 - 15, 2010, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), Energy Research Inc. (NRC contractor), and representatives of Mitsubishi Heavy Industries Ltd. (MHI), at the NRC Headquarters in Rockville, Maryland. A public meeting notice was issued on July 1, 2010, and was documented in the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML101810333. The notice included the daily agendas, which were also available as a handout at the meeting. Portions of the meeting in which proprietary documents were discussed were closed to the public. The purpose of this meeting was to discuss the review of the United States - Advanced Pressurized Water Reactor (US-APWR) probabilistic risk assessment (PRA) and severe accident evaluation. A list of meeting attendees is provided as Enclosure 1 and can be found in the Agencywide Documents Access and Management System (ADAMS) under accession number ML102230025.

The meeting focused on the NRC staff's review of Chapter 19 in the US-APWR Design Control Document. During the first day, the NRC staff and MHI discussed the internal fires and floods PRA questions, including questions from the NRC audit of Chapter 19 performed on July 8, 2010. On the second day, the NRC staff discussed slides presenting the Level 2 PRA and Severe Accident analyses issues. On the last day, the meeting covered the NRC staff's slides on the Level 1 PRA for operation at power issues, excluding internal fires and floods. The NRC staff indicated to MHI that follow-up Requests for Additional Information related to the material discussed over the course of the meeting were expected to be issued. The NRC staff also agreed with MHI, that a follow-up teleconference would be beneficial for ensuring resolution of the issues discussed. In support of their discussion, MHI and the NRC staff provided the following enclosures as handouts at the meeting. Enclosure 2 is the Overview of US-APWR Internal Flooding PRA, dated July 13, 2010. Enclosure 3 is the Overview of US-APWR Fire PRA, dated July 13, 2010. Enclosure 4 is the Level 2 PRA and Severe Accident Issues, dated July 14, 2010. Enclosure 5 is the NRC Review of Revision 2 of the US-APWR Level 1 PRA for Operation at Power (excluding internal fires and floods), dated July 15, 2010. Enclosures 2, 3, 4 and 5 contain proprietary information and are not available to the public.

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Members of the public were not in attendance during the open portion of the meeting. Please direct any inquires to me at 301-415-3249, or via e-mail to [Ruth.Reyes@nrc.gov](mailto:Ruth.Reyes@nrc.gov).

*/RA/*

Ruth C. Reyes, Project Manager  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-021

Enclosures:  
As stated

cc w/Enclosure 1:  
See next page

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Ruth C. Reyes, Project Manager  
US-APWR Projects Branch  
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<b>OFFICE</b>	DNRL/NMIP: PM	DNRL/NMIP: LA	DNRL/NMIP: PM
<b>NAME</b>	RReyes	CSmith	JCiocco
<b>DATE</b>	08/11/2010	08/11/2010	08/11/2010

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DC Mitsubishi - US APWR Mailing List  
cc:

(Revised 06/23/2010)

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

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

Atsushi Kumaki  
Mitsubishi Heavy Industries, Ltd.  
APWR Promoting Department  
Wadasaki-cho- 1-1-1, Hyogo-ku  
Kobe 652-8585 JAPAN

Dr. Masanori Onozuka  
Mitsubishi Nuclear Energy Systems, Inc.  
1001 19th Street North, Suite 710  
Arlington, VA 22201-5426

Dr. C. Keith Paulson  
Mitsubishi Nuclear Energy Systems, Inc.  
300 Oxford Drive, Suite 301  
Monroeville, PA 15146

Mr. Tom Sliva  
7207 IBM Drive  
Charlotte, NC 28262

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 Mitsubishi - US APWR Mailing List

### Email

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)  
chris.maslak@ge.com (Chris Maslak)  
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)  
Derlinda.Bailey@chguernsey.com (Derinda Bailey)  
donald.woodlan@luminant.com (Donald Woodlan)  
eliza.seedcoalition@gmail.com (Elza Brown)  
erg-xl@cox.net (Eddie R. Grant)  
gcesare@enercon.com (Guy Cesare)  
james.beard@gene.ge.com (James Beard)  
jerald.head@ge.com (Jerald G. Head)  
jgutierrez@morganlewis.com (Jay M. Gutierrez)  
jim.riccio@wdc.greenpeace.org (James Riccio)  
jin\_chung@mnes-us.com  
Joseph\_Hegner@dom.com (Joseph Hegner)  
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)  
Marc.Brooks@dhs.gov (Marc Brooks)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
Mark.Crisp@chguernsey.com (Mark Crisp)  
masahiko\_kaneda@mhi.co.jp (Masahiko Kaneda)  
masanori\_onozuka@mnes-us.com (Masanori Onozuka)  
masayuki\_kambara@mhi.co.jp (Masayuki Kambara)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
mayorsouthern@granbury.org (Mayor David Southern)  
media@nei.org (Scott Peterson)  
mike\_moran@fpl.com (Mike Moran)  
MSF@nei.org (Marvin Fertel)  
mutsumi\_ishida@mnes-us.com (Mutsumi Ishida)  
mwetterhahn@winston.com (M. Wetterhahn)  
nan\_sirirat@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@beyondnuclear.org (Paul Gunter)  
plarimore@talisman-intl.com (Patty Larimore)  
pshastings@duke-energy.com (Peter Hastings)  
RJB@NEI.org (Russell Bell)  
Russell.Wells@Areva.com (Russell Wells)  
ryan\_sprengel@mnes-us.com (Ryan Sprengel)  
sabinski@suddenlink.net (Steve A. Bennett)  
sandra.sloan@areva.com (Sandra Sloan)  
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)  
steven.hucik@ge.com (Steven Hucik)  
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)