

April 20, 2011

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

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

SUBJECT: SUMMARY OF THE MARCH 24 - 25, 2011, MEETING WITH
MITSUBISHI HEAVY INDUSTRIES, LTD. TO DISCUSS CHAPTER 16
OF THE UNITED STATES - ADVANCED PRESSURIZED WATER
REACTOR DESIGN CONTROL DOCUMENT

On March 24 - 25, 2011, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Mitsubishi Heavy Industries, Ltd. (MHI), at the office of the U.S. Nuclear Regulatory Commission, One White Flint North, 11555 Rockville Pike, Rockville, Maryland and Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. A public meeting notice was issued on March 3, 2011, and was documented in the Agencywide Documents Access and Management System (ADAMS) under accession number ML110590035. The purpose of the meeting was to discuss information referenced in the United States - Advanced Pressurized Water Reactor (US-APWR) Design Control Document (DCD), Chapter 16, "Technical Specifications." A list of attendees is provided as an enclosure.

During the two day meeting, the NRC staff and MHI staff reviewed various sections of the marked-up copy of Chapter 16 DCD regarding instrumentation technical specifications (TS). These reviews of various sections of the marked-up copy of Chapter 16 instrumentation TS involved discussions of open items and confirmatory items. These open items and confirmatory items had been previously submitted to MHI in the form of a Request for Additional Information (RAI). During the two day meeting, the following items were discussed:

- The NRC staff and MHI discussed specifics regarding Technical Report MUAP-09021-P, "US-APWR Response Time of Safety I&C System," which is to provide the basis and methodology for using allocated sensor, signal conditioning, and actuation logic response times in lieu of measurement for reactor trip system and engineered safety features actuation system instrumentation response time verifications obtained during surveillances.
- The NRC staff and MHI successfully resolved a number of outstanding issues associated with the US-APWR Setpoint Control Program.
- The NRC staff and MHI discussed numerous changes and enhancements to TS limiting condition for operation (LCO) 3.3.1 and associated Bases Section B 3.3.1. TS LCO and Bases discussions for the remaining sections are to continue during the two day public meeting scheduled for April 27 - 28, 2011.

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Members of the public were not in attendance during the open portion of the meeting. Please direct any inquiries to Tarun Roy at 301-415-0493, or via email at Tarun.Roy@nrc.gov.

/RA/

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

Docket No. 52-021

Enclosure:
List of Attendees

cc w/encl: See next page

Members of the public were not in attendance during the open portion of the meeting. Please direct any inquiries to Tarun Roy at 301-415-0493, or via email at Tarun.Roy@nrc.gov.

/RA/

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

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Enclosure:
List of Attendees

cc w/encl: See next page

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NRC-001

OFFICE	DNRL/NMIP: PM	DNRL/NMIP: LA	DNRL/NMIP: PM
NAME:	TRoy	CSmith	JCiocco
DATE	04/20/2011	04/20/2011	04/20/2011

OFFICIAL RECORD COPY

List of Attendees

Meeting with Mitsubishi Heavy Industries, Ltd. to Discuss Chapter 16 of the United States -
Advanced Pressurized Water Reactor Design Control Document
Held on Thursday, March 24, 2011

<u>Name</u>	<u>Organization</u>	<u>Contact Info</u>
Hirokazu Fumon	MHI	Hirokazu_Fumon@mhi.co.jp
Hiroshi Shinasana	MNES	Hiroshi_Shinasana@mnes-us.com
Ken Scarola	NAE-MNES Consultant	KenScarola@Nuclearautomation.com
Tarun Roy	NRC/NRO/DNRL	Tarun.Roy@NRC.Gov
Joseph DeMarshall	NRC/NRO/DCIP	Joseph.DeMarshall@NRC.Gov
Nicholas Saltos	NRC/NRO/DSRA	Nicholas.Saltos@NRC.Gov

Enclosure

List of Attendees

Meeting with Mitsubishi Heavy Industries, Ltd. to Discuss Chapter 16 of the United States -
Advanced Pressurized Water Reactor Design Control Document
Held on Friday, March 25, 2011

<u>Name</u>	<u>Organization</u>	<u>Contact Info</u>
Hirokazu Fumon	MHI	Hirokazu_Fumon@mhi.co.jp
Hiroshi Shinasana	MNES	Hiroshi_Shinasana@mnes-us.com
Ken Scarola	NAE-MNES Consultant	KenScarola@Nuclearautomation.com
Tarun Roy	NRC/NRO/DNRL	Tarun.Roy@NRC.Gov
Joseph DeMarshall	NRC/NRO/DCIP	Joseph.DeMarshall@NRC.Gov

DC Mitsubishi - US APWR Mailing List
cc:

(Revised 04/19/2011)

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)
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)
Derinda.Bailey@chguernsey.com (Derinda Bailey)
donald.woodlan@luminant.com (Donald Woodlan)
eliza.seedcoalition@gmail.com (Elza Brown)
erg-xl@cox.net (Eddie R. Grant)
f.tanaka@mnes-us.com
gcesare@enercon.com (Guy Cesare)
james.beard@gene.ge.com (James Beard)
jerald.head@ge.com (Jerald G. Head)
jim.riccio@wdc.greenpeace.org (James Riccio)
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)
m.goto@mnes_us.com
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
Mark.Crisp@chguernsey.com (Mark Crisp)
mark.g.giles@dom.com (Mark Giles)
mark.vannoy@mnes-us.com
masahiko_kaneda@mhi.co.jp (Masahiko Kaneda)
masanori_onozuka@mnes-us.com (Masanori Onozuka)
masato.oba@mnes-us.com
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)

DC Mitsubishi - US APWR Mailing List

mweatherhahn@winston.com (M. Wetterhahn)
nan_sirirat@mnes-us.com (Sirirat Mongkolkam)
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)
pshastings@duke-energy.com (Peter Hastings)
RJB@NEI.org (Russell Bell)
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 Seleklek)
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)