

~~OFFICIAL USE ONLY – PROPRIETARY INFORMATION~~

August 13, 2013

Mr. Yoshiki Ogata, General Manager
APWR Promoting Department
Mitsubishi Heavy Industries, Ltd.
16-5, Konan 2-Chome, Minato-Ku
Tokyo, 108-8215 JAPAN

SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN
CERTIFICATION APPLICATION - SAFETY EVALUATION WITH OPEN ITEMS
FOR CHAPTER 6, "ENGINEERED SAFETY FEATURES"

Dear Mr. Ogata:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing a safety evaluation (SE) with open items (OIs) for each chapter of the United States - Advanced Pressurized Water Reactor (US-APWR) standard Design Certification submitted by Mitsubishi Heavy Industries, Ltd. (MHI) on December 31, 2007, as supplemented by letters dated March 27, 2008, and April 16, 2008.

The NRC staff's SE with OIs for Chapter 6, "Engineered Safety Features," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) subcommittee to support upcoming meetings of the ACRS subcommittee, scheduled to be held between September 17 - 18, 2013.

The enclosed SE with OIs is being provided only to MHI for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* Part 2.390 "Public Inspections, Exemptions, Requests for Withholding." The NRC staff concludes that the enclosed SE does not contain any information for which exemption from public disclosure has been sought or approved, or any factual errors. However, the NRC will withhold the enclosed SE from public disclosure for ten business days from the date of this letter to allow you the opportunity to verify the NRC staff's conclusion that the SE contains no such exempt information or any factual errors. If within that ten day period, you do not request that all or portions of the SE be withheld from public disclosure, the enclosed SE will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of NRC's Agencywide Documents Access and Management System and placed on the NRC's public web page for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure, this document is "DECONTROLLED."

~~OFFICIAL USE ONLY – PROPRIETARY INFORMATION~~

Y. Ogata

-2-

If you have any questions or comments regarding this matter, I can be reached at (301) 415-2809 or via e-mail address at Paul.Kallan@nrc.gov.

Sincerely,

/RA/

Paul Kallan, Project Manager
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-021

Enclosure:
Chapter 6 Safety Evaluation

cc w/o encl: See next page

Y. Ogata

-2-

If you have any questions or comments regarding this matter, I can be reached at (301) 415-2809 or via e-mail address at Paul.Kallan@nrc.gov.

Sincerely,

/RA/

Paul Kallan, Project Manager
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-021

Enclosure:
Chapter 6 Safety Evaluation

cc w/o encl: See next page

DISTRIBUTION:

PUBLIC	PKallan, NRO	HHamzehee, NRO	RidsOgcMailCente
LB2 R/F	JMcKirgan, NRO	RidsAcrsAcnwMailCenter	RidsOpaMailCenter
D081	JDonoghue, NRO	RidsNroLACSmith	RidsNroOd
DTerao, NRO	RReyes, NRO	RidsNroDnrl	

ADAMS Accession Nos.

ML13219B098 – PKG

ML13219A782 – SE

ML13219A930

NRO-002

OFFICE	DNRL/LB2:PM	DNRL/LB2:LA	DNRL/LB2:PM
NAME	RReyes	CMurphy	PKallan
DATE	08/13/2013	08/07/2013	08/13/2013

OFFICIAL RECORD COPY

DC Mitsubishi - US APWR Mailing List
cc:

(Revised 07/25/2013)

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))
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)
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)
karlg@att.net (Karl Gross)
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)
masanori_onozuka@mnes-us.com (Masanori Onozuka)
masatoshi_nagai@mnes-us.com (Masatoshi Nagai)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
michael_melton@mnes-us.com (Michael Melton)
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)
Paul@beyondnuclear.org (Paul Gunter)

DC Mitsubishi - US APWR Mailing List

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)
sfrantz@morganlewis.com (Stephen P. Frantz)
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)
Tony.Robinson@areva.com (Tony Robinson)
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)