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July 23, 2015

Mr. Atsushi Kumaki, Deputy Director
Global Nuclear Project Department
Mitsubishi Heavy Industries, Ltd.
1-1, Wadasaki-cho 1-chome, Hyogo-ku
Kobe, 652-8585 JAPAN

SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR
ADVANCED TOPICAL REPORT SAFETY EVALUATION FOR MUAP-
07007-P, REVISION 6, "HSI SYSTEM DESCRIPTION AND HFE
PROCESS"

Dear Mr. Kumaki:

The U.S. Nuclear Regulatory Commission (NRC) staff has prepared an advanced Topical Report Safety Evaluation (TRSE) in support of the United States-Advanced Pressurized Water Reactor (US-APWR) design certification (DC) submitted by Mitsubishi Heavy Industries, Ltd. (MHI) on December 31, 2007, and for reference in the License Amendment Requests for operating plants.

The staff's advanced TRSE is being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support the upcoming meeting of the ACRS Subcommittee, scheduled to be held on August 20, 2015.

The enclosed advanced TRSE is being provided only to MHI for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 "Public Inspections, Exemptions, Requests for Withholding." The NRC will withhold the enclosed TRSE from public disclosure for a total of 20 business days. This includes 10 business days from the date of this letter to allow you the opportunity to verify the staff's TRSE for proprietary content or security-related information not previously identified and 10 business days for a check of any factual errors. If within that 20 day period, you do not request that all or portions of the TRSE be withheld from public disclosure, the enclosure will be made publically available through the NRC Public Document Room and the Publically Available Records component of NRC Agencywide Documents Access and Management System (ADAMS) and placed on the public web page for this application.

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A. Kumaki

- 2 -

If you have any questions or comments concerning this matter, I can be reached at (301) 415-7038 or via e-mail at William.Ward@nrc.gov.

Sincerely,

/RA/

William Ward, Sr. Project Manager
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-021

Enclosure:
As stated

cc: w/o encl.: See next page

A. Kumaki

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DC Mitsubishi - US APWR Mailing List
cc:

(Revised 05/12/2015)

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)
Carl.Corbin@luminant.com (Carol Corbin)
CumminWE@Westinghouse.com (Edward W. Cummins)
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)
ewallace@nuscalepower.com (Ed Wallace)
Fred.Madden@luminant.com (Fred Madden)
George_Stramback@Charter.net (George Stramback)
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)
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.a.giles@dom.com (Mark Giles)
media@nei.org (Scott Peterson)
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)
pbessette@morganlewis.com (Paul Bessette)
plarimore@talisman-intl.com (Patty Larimore)
rdbirdjr@gmail.com (Bobby Bird)
RJB@NEI.org (Russell Bell)
ryan_sprengel@mnes-us.com (Ryan Sprengel)

DC Mitsubishi - US APWR Mailing List

sabinski@suddenlink.net (Steve A. Bennett)
sfrantz@morganlewis.com (Stephen P. Frantz)
stephan.moen@ge.com (Stephan Moen)
takayuki_mori@mhi.co.jp (Takayuki Mori)
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)