

July 23, 2009

MEMORANDUM TO: William Ward, Acting Chief
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Jeffrey Ciocco, Senior Project Manager /RA/
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: FORTHCOMING MEETING WITH MITSUBISHI HEAVY INDUSTRIES
LTD TO DISCUSS THE UNITED STATES - ADVANCED PRESSURIZED
WATER REACTOR GAS TURBINE GENERATOR TESTING AND
DIVERSITY AS AN ALTERNATE AC POWER SOURCE

DATE & TIME: Thursday, August 6, 2009
1:00 p.m. – 4:00 p.m.
Eastern Daylight Time (EDT)

LOCATION: The U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room 01-G16/01-F16
Rockville, MD 20852

PURPOSE: The U.S. Nuclear Regulatory Commission (NRC) and Mitsubishi Heavy
Industries, Ltd (MHI) will discuss Gas Turbine Generator (GTG) testing
requirements and Plant Start-up and Shutdown with GTG/Electrical
Divisions for the United States - Advanced Pressurized Water Reactor
(US-APWR) Design Certification review. MHI will also present a diversity
plan for the use of a GTG as an alternate AC power source compared to
the use of a GTG as Class 1E for the US-APWR Design. See the
enclosed agenda.

CATEGORY*: This is a Category 1 public meeting. The public is invited to observe the
meeting and will have the opportunity to communicate with the NRC after
the business portion of the meeting, but before the meeting is adjourned.

CONTACT: Ngola Otto, NRO/DNRL/NMIP
301-415-6695
Ngola.Otto@nrc.gov.

* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
(67 *Federal Register* 36920), May 28, 2002.

W. Ward

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PARTICIPANTS: NRC participants include staff from the Office of New Reactors (NRO).

NRO

H. Botwin

J. Ciocco

W. Ward

N. Otto

P. Kallan

R. Jenkins

A. Gill

T. Martinez-Navedo, et al

MHI/MNES

R. Sprengel

S. Kawanago

S. Niida

H. Tanaka

S. Hanada,

M. Onozuka, et al

Docket No.: 52-021

Enclosure:

Agenda

cc w/encl: See next page

W. Ward

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DATE	07/21/09	07/23/09	07/22/09

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Meeting Agenda

Gas Turbine Generator Meeting in Support of US-APWR Design

One White Flint Building
11555 Rockville Pike, Room 01-G16/01-F16
Rockville, MD

August 6, 2009
1:00 p.m. – 4:00 p.m. EDT

PURPOSE:

The U.S. Nuclear Regulatory Commission (NRC) and Mitsubishi Heavy Industries, Ltd. (MHI) will discuss Gas Turbine Generator (GTG) testing requirements and Plant Start-up and Shutdown with GTG/Electrical Divisions for the United States - Advanced Pressurized Water Reactor (US-APWR) Design Certification review. MHI will also present a diversity plan for the use of a GTG as an alternate AC power source compared to the use of a GTG as Class 1E for the US-APWR Design Certification Review.

EXPECTED OUTCOMES:

Agreement on GTG testing requirements and diversity plan for a GTG as an alternate AC power source in support of the US-APWR Design Certification Application Review.

<u>TIME</u>	<u>TOPIC</u>	<u>LEAD/Participation</u>
1:00 p.m. – 1:10 p.m.	Introductions for Open Session	NRC
1:10 p.m. – 1:40 p.m.	Gas Turbine Generator Testing Discussion <ul style="list-style-type: none">• Technical Report – MUAP-07024-P (Qualification & Test Plan of Class 1E GTG)• Licensing Process of GTG for completion of Safety Evaluation Report	MHI & NRC
1:40 p.m. – 2:10 p.m.	<ul style="list-style-type: none">• Safe Shutdown of the Plant with 2-Divisions for Design Basis Accidents & Events• Start-up of the Plant with 3-GTGs/ Electrical Divisions	MHI & NRC
2:10 p.m. – 2:30 p.m.	Break	ALL

Enclosure

<u>TIME</u>	<u>TOPIC</u>	<u>LEAD/Participation</u>
2:30 p.m. – 3:00 p.m.	MHI's Diversity Plan for GTGs as Alternate AC Power Source	MHI
3:00 p.m. – 3:10 p.m.	Public Comments	ALL
3:10 p.m. – 4:00 p.m.	Summary of Action Items, Closing Comments and Questions	MHI & NRC

DC Mitsubishi - US APWR Mailing List
cc:

(Revised 04/01/2009)

Mr. Glenn H. Archinoff
AECL Technologies
481 North Frederick Avenue
Suite 405
Gaithersburg, MD 20877

Mr. Ed Wallace
General Manager - Projects
PBMR Pty LTD
P. O. Box 9396
Centurion 0046
Republic of South Africa

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.
2300 Wilson Blvd.
Suite 300
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

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)
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)
donald.woodlan@luminant.com (Donald Woodlan)
erg-xl@cox.net (Eddie R. Grant)
gcesare@enercon.com (Guy Cesare)
greshaja@westinghouse.com (James Gresham)
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
JNesrsta@cpsenergy.com (James J. Nesrsta)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
kcrogers@aol.com (K. C. Rogers)
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)
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)
nirsnet@nirs.org (Michael Mariotte)

DC Mitsubishi - US APWR Mailing List

patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
plarimore@talisman-intl.com (Patty Larimore)
pshastings@duke-energy.com (Peter Hastings)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
Russell.Wells@Areva.com (Russell Wells)
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)
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)
VictorB@bv.com (Bill Victor)
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)