

December 19, 2007

MEMORANDUM TO: Stephanie M. Coffin, Chief
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Jin W. Chung, Senior Project Manager **/RA/**
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: US-APWR DESIGN CERTIFICATION ORIENTATION

DATE & TIME: January 15 - 16, 2008
8:30 a.m. - 4:00 p.m.

LOCATION: Ramada Inn
1775 Rockville Pike
Rockville, MD 20852
(301) 881-2300

PURPOSE: The U. S. Nuclear Regulatory Commission (NRC) staff will meet with the representatives from the Mitsubishi Nuclear Energy System (MNES) and Mitsubishi Heavy Industry (MHI) to familiarize the staff with the format and contents of the US-APWR Design Certification Application.

CATEGORY 1:* This is a Category 1 meeting. The public is invited to discuss regulatory issues with the U.S. Nuclear Regulatory Commission at designated points during the meeting. Proprietary information may be discussed at certain times during this meeting. These portions of the meeting will be closed to members of the public who have not been granted access to the information by the owner of the information. See agenda for closed portions of the meeting.

CONTACT: Dr. Jin W. Chung, NRO/DNRL
301-415-1071
JWC2@NRC.GOV

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

PARTICIPANTS: Participants from the NRC include members from the Office of New Reactors and the Office of Nuclear Reactor Regulation (NRR)

NRC

J. Chung
J. Ciocco
S. Monarque
S. Coffin

MNES, Inc. and MHI

K. Paulson
M. Onozuko
S. Kawanago, et. al.

Project No. 751

Enclosure:
Agenda

cc w/encl: See next page

PARTICIPANTS: Participants from the NRC include members from the Office of New Reactors and the Office of Nuclear Reactor Regulation (NRR)

NRC
J. Chung
J. Ciocco
S. Monarque
S. Coffin

MNES, Inc. and MHI
K. Paulson
M. Onozuko
S. Kawanago, et. al.

Project No. 751

Enclosure:
Agenda

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	RidsNroDsra
PMNS	RidsNroDe
OWFN Receptionist (Hard Copy)	RidsNroDcip
TWFN Receptionist (Hard Copy)	RidsNroDser
RidsNroDnrl	RidsNroDnrlNmip
RidsNroDnrlNpls	RidsRgn2MailCenter
JChung	SCampbell, Rgn2
SMonarque	KClark, OPA Rgn2
JCiocco	RidsOgcMailCenter
RidsOpaMail	RidsAcrsAcnwMailCenter
RidsNroDnrl	RidsNroLAKGoldstein

ADAMS Accession No.: ML073470803

NRC-001

OFFICE	LA:NRO:NMIP	PM:NRO:NMIP	BC:NRO:NMIP
NAME	KGoldstein	JChung	SCoffin
DATE	12/19/07	12/19/2007	12/19/2007

OFFICIAL RECORD COPY

US APWR Design Certification Application Orientation
Hotel Ramada Inn, 1775 Rockville Pike, MD. 20852
(301) 881-2300

Time	Contents	Session Leader	Support
Day 1: January 15, 2008			
08:00-08:30	Registration		
08:30-08:45	Welcome/Introduction	NRC M. Kaneda(MHI)	
08:45-09:30	US-APWR Design Feature	A. Kumaki(MHI)	All(MHI/MNES)
09:30-9:45	US-APWR DCD Overview (1) Contents of DCD (2) Overview of FSAR (3) Overview of ER	A. Kumaki(MHI)	All(MHI/MNES)
09:45-10:30	Related Reports and DAC Approach (1) Topical Report (2) Design Acceptance Criteria (3) Technical Report (4) Submittal Schedule	M. Kambara(MNES)	All(MHI/MNES)
10:30-10:45	Break		
10:45-11:15	Detail of FSAR (1) Tier-1 (2) Tier-2 Chap. 1 (General)	A. Kumaki(MHI)	All(MHI/MNES)
11:15-12:00	Chap. 2, 3 (Site Characteristic, Structure)	H. Fuyama(MHI)	T. Kitani(MHI)
12:00-12:45	Lunch Break		
13:00-13:45	Chap. 5, 6, 9, 11(Systems)	A. Johnson(MNES)	H. Hamamoto(MHI) H. Nishio(MHI)
13:45-14:15	Chap. 7, 8, 18 (I&C, Electrical, HFE)	K. Scalora(MNES)	M. Takashima(MHI) S. Kawanago(MNES)
14:30-14:45	Public Comments		
14:45-15:00	Break		
15:00-16:00	Proprietary Discussion with NRC and MHI		
Day 2: January 16, 2008			
08:30-9:00	Chap. 4 (Reactor)	M. Ishida(MHI)	M. Hoshi(MHI)
09:00-9:30	Chap. 11, 12 (Radiation)	M. Konno MHI M. Oomura(MHI)	M. Nakata(MHI)
9:30-10:00	Chap. 10 (Steam and Power)	Y. Minami(MHI)	H. Hamamoto(MHI)
10:00-10:30	Chap. 15 (Accident Analysis)	K. Paulson(MNES)	H. Takahashi(MHI) M. Kikuta(MHI) Y. Takechi(MHI)
10:30-10:45	Break		
10:45-11:30	Chap. 13, 14 (Operation)	A. Kumaki(MHI)	M. Oba(MHI) K. Kawai(MHI)
11:30-12:00	Chap. 17 (QA)	M. Otake(MHI)	J. Jhonson(MNES)
12:00-13:00	Lunch Break		
13:00-13:45	Chap. 16, 19 (TS, PRA , SA)	K. Kawai(MHI)	K. Kuroiwa(MHI)
13:45-14:00	Public Comments		
14:00-14:15	Break		
14:15-15:15	Proprietary Discussion with NRC and MHI		
15:15	Meeting Adjourn	NRC	

NOTE: Q&A will be handled in each session as needed, and the proprietary information will be discussed in a closed door.

Enclosure

DC Mitsubishi - US APWR Mailing List

cc:

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

Masayuki Kambara
Mitsubishi Nuclear Energy Systems, Inc.
2300 Wilson Blvd.
Suite 300
Arlington, VA 22201-5426

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

Masahiko Kaneda
Mitsubishi Heavy Industries, Ltd.
16-5, Konan 2-Chome, Minato-Ku
Tokyo, 108-8215 JAPAN

W. Craig Conklin, Director
Chemical and Nuclear Preparedness &
Protection Division (CNPPD)
Office of Infrastructure Protection
Department of Homeland Security
Washington, DC 20528

Shinji Kawanago
Mitsubishi Nuclear Energy Systems, Inc.
2300 Wilson Blvd.
Suite 300
Arlington, VA 22201-5426

Mr. Marvin Fertel
Senior Vice President
and Chief Nuclear Officer
Nuclear Energy Institute
1776 I Street, NW
Suite 400
Washington, DC 20006-3708

Sirirat Mongkolkarn
Office Administrator
Mitsubishi Nuclear Energy Systems, Inc.
2300 Wilson Boulevard, Suite 300
Arlington, VA 22201-5426

Mr. Ray Ganthner
AREVA, Framatome ANP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Dr. Masanori Onozuka
Mitsubishi Nuclear Energy Systems, Inc.
2300 Wilson Blvd.
Suite 300
Arlington, VA 22201-5426

Mr. Paul Gaukler
Pillsbury, Winthrop, Shaw, Pittman
2300 N Street, NW
Washington, DC 20037

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

Vanessa E. Quinn, Acting Director
Technological Hazards Division
National Preparedness Directorate
Federal Emergency Management Agency
500 C Street, NW
Washington, DC 20472

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

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

Email

APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
bennettS2@bv.com (Steve A. Bennett)
bob.brown@ge.com (Robert E. Brown)
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)
Dennis.Buschbaum@txu.com (Denny Buschbaum)
dlochbaum@UCSUSA.org (David Lochbaum)
dwoodla1@txu.com (Donald Woodlan)
erg-xl@cox.net (Eddie R. Grant)
frankq@hursttech.com (Frank Quinn)
gcesare@enercon.com (Guy Cesare)
greshaja@westinghouse.com (James Gresham)
JAC3@nrc.gov (Jeff Ciocco)
james.beard@gene.ge.com (James Beard)
jcurtiss@winston.com (Jim Curtiss)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
JJNesrsta@cpsenergy.com (James J. Nesrsta)
john.o'neil@pillsburylaw.com (John O'Neil)
Joseph.savage@ge.com (Joseph Savage)
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)
Margaret.Bennet@dom.com (Margaret Bennet)
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)
media@nei.org (Scott Peterson)
mike_moran@fpl.com (Mike Moran)
mwetterhahn@winston.com (M. Wetterhahn)
nirsnet@nirs.org (Michael Mariotte)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
pshastings@duke-energy.com (Peter Hastings)

RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
roberta.swain@ge.com (Roberta Swain)
ronald.hagen@eia.doe.gov (Ronald Hagen)
sandra.sloan@areva.com (Sandra Sloan)
sfrantz@morganlewis.com (Stephen P. Frantz)
shinji_kawanago@mnes-us.com (Shinji Kawanago)
steven.hucik@ge.com (Steven Hucik)
Tansel.Selekler@nuclear.energy.gov (Tansel Selekle)
tmatthews@morganlewis.com
tom.miller@hq.doe.gov (Tom Miller)
trsmith@winston.com (Tyson Smith)
VictorB@bv.com (Bill Victor)
vijukrp@westinghouse.com (Ronald P. Vijuk)
waraksre@westinghouse.com (Rosemarie E. Waraks)
whorin@winston.com (W. Horin)