

January 19, 2007

APPLICANT: MITSUBISHI HEAVY INDUSTRIES (MHI)

PROJECT: US-APWR STANDARD DESIGN PRE-APPLICATION REVIEW

SUBJECT: SUMMARY OF NOVEMBER 28, 2006, PUBLIC MEETING TO DISCUSS MHI'S PROPOSED QUALITY ASSURANCE TOPICAL REPORT (TAC NO. MD2767)

On November 28, 2006, an open Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of MHI at NRC Headquarters, in Rockville, Maryland. The purpose of the meeting was to discuss MHI's plans to submit a quality assurance topical report to support the NRC staff's pre-application activities related to the US-APWR design certification. MHI intends to submit a design certification application for the US-APWR in December 2007. A list of attendees is provided as Enclosure 1. MHI presented handouts that are shown in Enclosure 2 and can be assessed through the Agencywide Documents Access and Management System (ADAMS) accession number ML063390369.

MHI opened the meeting with an overview of the MHI organization, including a description of the functions and responsibilities. MHI maintains oversight of the Nuclear Energy Systems Headquarters in Tokyo. The Nuclear Energy Systems Headquarters oversees Mitsubishi Nuclear Fuel (Kobe) and Mitsubishi Electric (Tokyo). For the US-APWR design certification application, Nuclear Energy Systems Headquarters (Tokyo), Nuclear Energy Systems Quality and Safety Management Department (Tokyo), and MHI Nuclear Energy Systems (Washington DC) will provide oversight of Mitsubishi Nuclear Fuel and Mitsubishi Electric.

Next, MHI presented an overview of their quality assurance program, including the design control process, qualification test, and procurement and record control. MHI uses the Mitsubishi Group Quality Assurance Manual, which was based on the Japan Electric Association Guideline 4101. The Japan Electric Association Guideline 4101 was developed in 1972 from Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix B "Quality Assurance Criteria for Nuclear Power Plants and Fuel Processing Plants." MHI also stated their quality assurance program complies with NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants," Chapter 17.5.

The NRC staff provided feedback throughout the presentation. The NRC staff indicated that the topical report should provide a matrix showing the equivalences and differences between the Japan Electric Association Guideline and 10 CFR Part 50, Appendix B. In addition, the NRC staff requested that MHI discuss the differences between the testing activities for the Japan Electric Association Guideline and 10 CFR Part 50, Appendix B. MHI was requested to keep the NRC staff informed of their test schedule to allow the NRC staff to schedule possible inspections, and to use the September 2006, revision of NUREG-0800, Chapter 17.5.

The NRC staff also discussed the appropriate time for performing a site quality assurance implementation inspection in Japan. MHI plans to submit the quality assurance topical report in

January 2007. The NRC staff pledged to continue to communicate frequently with MHI during the topical report review process. Members of the public were in attendance, but Public Meeting Feedback forms were not received. Please direct any inquiries to me at (301) 415-1544 or srm2@nrc.gov.

/RA/

Stephen Raul Monarque
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No. 751

Enclosures:

1. List of Attendees
2. Mitsubishi Handout - US-APWR 3rd
Pre-Application Review Meeting Quality
Assurance of US-APWR at
DC Application (ML063390369)

cc w/encls: See next page

January 2007. The NRC staff pledged to continue to communicate frequently with MHI during the topical report review process. Members of the public were in attendance, but Public Meeting Feedback forms were not received. Please direct any inquiries to me at (301) 415-1544 or srm2@nrc.gov.

/RA/

Stephen Raul Monarque
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No. 751

Enclosures:

1. List of Attendees
2. Mitsubishi Handout - US-APWR 3rd
Pre-Application Review Meeting Quality
Assurance of US-APWR at
DC Application (ML063390369)

cc w/encls: See next page

DISTRIBUTION:

See next page

ADAMS Accession No: ML063470510

Pkg ML063470307

OFFICE	NGE1/DNRL:LA	NWE1/DNRL:PM	NWE1/DNRL:BC
NAME	S. Green	S. Monarque	S. Coffin
DATE	01/ 10 /07	01/ 10 /07	01/ 19 /07

OFFICIAL RECORD COPY

Attendees

Public Meeting to Discuss

Mitsubishi Heavy Industries' (MHI's) US-APWR

Quality Assurance Topical Report

November 28, 2006

<u>Name</u>	<u>Affiliation</u>
Larry Burkhart	NRC
Hiroyuki Ryu	JEPIC
Richard McIntyre	NRC
Kerri Kavanagh	NRC
Tolani Owusu	NRC
Alan Levin	AREVA
Jay Silberg	Pillsbury Winthrop Shaw Pittman
William Mills	Nuclear Energy Consultants, Inc.
Stephen Monarque	NRC
John Traynor	UniStar Nuclear
Ryuji Iwasaki	Toshiba
Jon Johnson	Talisman International, LLC
Toshisada Kato	MHI
Masayuki Kambara	MHI
Kiyoshi Yamauchi	MHI
C. Keith Paulson	MHI
Naoki Miyakoshi	MHI
Kei Imamura	MHI

Distribution for November 28, 2006, Meeting Summary dated January 19, 2006

SUBJECT: SUMMARY OF NOVEMBER 28, 2006, PUBLIC MEETING TO DISCUSS MHI'S
PROPOSED QUALITY ASSURANCE TOPICAL REPORT (TAC NO. MD2767)

Hard Copy

S. Monarque

E-Mail:

PUBLIC

J. Danna

L. Burkhart

J. Flack

J. Peralta

RidsNroDnrl

RidsNrrDssSbwb

J. Jacobson

RidsnrrDssSpwb

K. Welter

RidsNroDnel

M. Waters

K. Kavanagh

R. McIntyre

C. Fong, R-II

G. Bagchi

T. Hiltz

C. Abbott

K. Foggie

K. Winsberg, OGC

S. Bajorek

RidsNroDnrlNwe1

Y. Hsii

K. Gruss

S. Monarque

S. Green

RidsNrrDeEgcb

RidsNrrDeEica

RidsNrrDeEua

RidsNrrDeEqub

RidsNrrDirslolb

RidsNrrDirslhpb

RidsNrrDraAadb

RidsNroDser

T. Owusu

RidsAcrsAcnwMailCenter

RidsOgcMailCenter

USAPWR Mailing List

cc:

Mr. David Lochbaum
Nuclear Safety Engineer
Union of Concerned Scientists
1707 H Street, NW., Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Nuclear Information & Resource Service
1424 16th Street, NW, Suite 404
Washington, DC 20036

Mr. James Riccio
Greenpeace
702 H Street, Suite 300
Washington, DC 20001

Mr. Adrian Heymer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Ms. Sandra Sloan
Areva NP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Ms. Patricia Campbell
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Charles Brinkman, Director

Washington Operations
Westinghouse Electric Company
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852

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

Mr. Gary Wright, Manager
Office of Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Mr. Ronald P. Vijuk
Manager of Passive Plant Engineering
AP1000 Project
Westinghouse Electric Company
P. O. Box 355
Pittsburgh, PA 15230-0355

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Ms. Kathryn Sutton, Esq.
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

Mr. Yoshinobu Shibata
Mitsubishi Heavy Industries, LTD.
16-5, Konan 2-Chome
Minato-Ku
Tokyo, Japan

M. C. Keith Paulson
Mitsubishi Heavy Industries America, Inc.
4350 Northern Pike, Suite 301
Monroeville, PA 5146

Mr. Yoshinobu Shibata
Vice President
U.S. Marketing and Operations Group
Nuclear Energy Systems Department
Mitsubishi Heavy Industries, LTD.
c/o C. Keith Paulson
4350 Northern Pike, Suite 301
Monroeville, PA 15146

E-Mail:

tom.miller@hq.doe.gov
tom.miller@nuclear.energy.gov
sandra.sloan@areva.com
mwetterhahn@winston.com
gcesare@enercon.com
erg-xl@cox.net
whorin@winston.com
steven.hucik@ge.com
david.hinds@ge.com
chris.maslak@ge.com
James1.Beard@ge.com
ckpaulson@aol.com
tansel.selekler@nuclear.energy.gov
bill.ascroft-hutton@hse.gsi.gov.uk
rzentkowskig@cnsccsn.gc.ca
kcrogers@aol.com
mod@inel.gov
patriciaL.campbell@ge.com
bob.brown@ge.com
jerald.holm@framatome-anp.com
mark.beaumont@wsms.com
george.stramback@gene.ge.com
david.lewis@pillsburylaw.com
paul.gaukler@pillsburylaw.com
john.o'neill@pillsburylaw.com
matias.travieso-diaz@pillsburylaw.com
maria.webb@pillsburylaw.com
roberta.swain@ge.com