

August 4, 2010

MEMORANDUM TO: Hossein G. Hamzehee, Chief  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Michael S. Magee, Project Manager /RA/  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: NOTICE OF FORTHCOMING PUBLIC MEETING WITH MITSUBISHI  
HEAVY INDUSTRIES, LTD. TO DISCUSS KEY ISSUES ASSOCIATED  
WITH THE UNITED STATES - ADVANCED PRESSURIZED WATER  
REACTOR DIGITAL INSTRUMENTATION AND CONTROLS

DATES & TIME: August 18 - 19, 2010  
8:00 a.m. – 5:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike, Rooms O-1F16 and O-1G16  
Rockville, MD 20852

PURPOSE: The U.S. Nuclear Regulatory Commission (NRC) staff and Mitsubishi  
Heavy Industries, Ltd. (MHI) will discuss the NRC staff's key issues with  
the review of United States - Advanced Pressurized Water Reactor  
Digital Instrumentation and Controls (I&C) Design and MHI will present  
its proposed path forward to resolve the key issues. Enclosed is the  
meeting agenda.

CATEGORY 1:\* This will be a Category 1 meeting. The public is invited to observe the  
meeting and will have an opportunity to communicate with the NRC  
after the business portion of the meeting, but before the meeting is  
adjourned. Certain portions of this meeting will be closed to the public  
because the NRC staff has determined that the information is  
proprietary in nature. For details, please call the meeting contacts listed  
below.

NOTE: All meeting attendees should pre-register with the meeting contacts by  
no later than 12:00 p.m. on Tuesday August 17, 2010.

MEETING CONTACT: Michael S. Magee, NRO/DNRL William Ward, NRO/DNRL  
301-415-6988 301-415-7038

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

H. Hamzehee

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PARTICIPANTS: Participants from the NRC include members from the Office of New Reactors (NRO).

NRO

Michael Magee  
Hossein Hamzehee  
Ian Jung  
Royce Beacom  
Tom Bergman  
Laura Dudes  
Frank Akstulewicz, et al.

MHI/MNES

Ryan Sprengel  
Keith Paulson  
Ken Scarola  
Makoto Takashima  
Kenji Mashio, et al.

Docket No. 52-021

Enclosure:  
Meeting Agenda

cc w/ encl: See next page

H. Hamzehee

- 2 -

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NRC-001

OFFICE	DNRL/NMIP: PM	DNRL/NMIP: LA	DNRL/NMIP: PM
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DATE	08/4/2010	08/4/2010	08/5/2010

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Meeting Agenda

Wednesday, August 18, 2010  
8:00 a.m. - 5:00 p.m.

U.S. Nuclear Regulatory Commission  
One White Flint North, Rooms O1F16 and O1G16  
11555 Rockville Pike  
Rockville, Maryland

<u>TIME</u>	<u>TOPIC</u>	<u>LEAD</u>
8:00 a.m. - 8:15 a.m.	Introductory Remarks	NRC
8:15 a.m. - 10:00 a.m.	Presentation of the U.S. Nuclear Regulatory Commission Staff's Key Issues with the Review of the United States - Advanced Pressurized Water Reactor Digital Instrumentation and Control Design	NRC
10:00 a.m. - 10:15 a.m.	Break	ALL
10:15 a.m. - 12:00 p.m.	Independence Between Safety and Non-Safety Systems Presentation	MHI
12:00 p.m. - 1:00 p.m.	Lunch	ALL
1:00 p.m. - 2:30 p.m.	Independence Between Safety and Non-Safety Systems Presentation	MHI
2:30 p.m. - 3:00 p.m.	Opportunity for Public Comment	PUBLIC
3:00 p.m. - 3:05 p.m.	Closing of the Meeting to the Public	NRC
3:05 p.m. - 5:00 p.m.	Proprietary - Independence Between Safety and Non-Safety Systems Presentation	NRC/MHI
5:00 p.m.	Adjourn	

Enclosure

Meeting Agenda

Thursday, August 19, 2010  
8:00 a.m. - 5:00 p.m.

U.S. Nuclear Regulatory Commission  
One White Flint North, Rooms O1F16 and O1G16  
11555 Rockville Pike  
Rockville, Maryland

<u>TIME</u>	<u>TOPIC</u>	<u>LEAD</u>
8:00 a.m. - 8:15 a.m.	Introductory Remarks	NRC
8:15 a.m. - 10:00 a.m.	Mitsubishi Electric Total Advanced Controller (MELTAC) Compliance with Appendix B of Title 10 of the <i>Code of Federal Regulations</i> (10 CFR), Part 50 and 10 CFR, Part 21	MHI
10:00 a.m. - 10:15 a.m.	Break	ALL
10:15 a.m. - 11:30 a.m.	MELTAC Compliance with Appendix B of 10 CFR, Part 50 and 10 CFR, Part 21	MHI
11:30 a.m. - 12:30 p.m.	Lunch	ALL
12:30 p.m. - 1:30 p.m.	Software Program Manuals and Software Development Process	MHI
1:30 p.m. - 2:30 p.m.	Quality of Programmable Logic Technologies Used in Safety Systems.	MHI
2:30 p.m. - 3:00 p.m.	Path Forward	NRC/MHI
3:00 p.m. - 3:30 p.m.	Opportunity for Public Comment	PUBLIC
3:30 p.m. - 3:35 p.m.	Closing of the Meeting to the Public	NRC
3:35 p.m. - 5:00 p.m.	Proprietary – MELTAC, Software Program Manuals, and Quality of Programmable Logic Technologies	MHI
5:00 p.m.	Adjourn	

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(Revised 06/23/2010)

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