

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.

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\* 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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<b>OFFICE</b>	DNRL/NMIP: PM	DNRL/NMIP: LA	DNRL/NMIP: PM
<b>NAME</b>	NOtto	CSmith	JCiocco
<b>DATE</b>	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"><li>• Technical Report – MUAP-07024-P (Qualification &amp; Test Plan of Class 1E GTG)</li><li>• Licensing Process of GTG for completion of Safety Evaluation Report</li></ul>	MHI & NRC
1:40 p.m. – 2:10 p.m.	<ul style="list-style-type: none"><li>• Safe Shutdown of the Plant with 2-Divisions for Design Basis Accidents &amp; Events</li><li>• Start-up of the Plant with 3-GTGs/ Electrical Divisions</li></ul>	MHI & NRC
2:10 p.m. – 2:30 p.m.	Break	ALL

Enclosure

<b><u>TIME</u></b>	<b><u>TOPIC</u></b>	<b><u>LEAD/Participation</u></b>
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

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(Revised 04/01/2009)

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