

November 25, 2009

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

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

SUBJECT: NOTICE OF FORTHCOMING PUBLIC AND CLOSED MEETING WITH  
MITSUBISHI HEAVY INDUSTRIES, LTD. TO DISCUSS SEVERAL  
NON-LOSS-OF-COOLANT ACCIDENT SIMULATIONS UTILIZING  
THE MARVEL-M COMPUTER CODE

DATE & TIME: Tuesday, December 8, 2009  
8:30 a.m. – 4:30 p.m.

LOCATION: Information System Laboratories, Inc.  
11140 Rockville Pike, Suite 500  
Rockville, MD

PURPOSE: Mitsubishi Heavy Industries, Ltd. (MHI) will discuss the methodology and calculations used for several Non-loss-of-coolant accident (LOCA) simulations, particularly for complete loss of flow scenarios. The primary objective of this meeting is for MHI to explain and clarify this information to the U.S. Nuclear Regulatory Commission (NRC), as it relates to the NRC review of the Non-LOCA Methodology Topical Report, MUAP-07010. Enclosed is the meeting agenda.

CATEGORY 1:\* This will be a Category 1 meeting. The public is invited to observe a portion of the meeting and will have one or more opportunities to communicate with the NRC before the public portion of the meeting is adjourned. A major portion of this meeting will be closed to the public because the staff has determined that the information is proprietary in nature. For details, please call the meeting contact listed below.

MEETING CONTACT: Michael J. Takacs, NRO/DNRL  
301-415-7871

\*Commissions'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 Takacs  
Hossein Hamzehee  
Jeffrey Ciocco  
Jeffrey Schmidt  
Andrew Bielen, et al.

MHI/MNES/ADVENT

Ryan Sprengel  
Keith Paulson  
Yuta Maruyama  
Hiroshi Fujishiro  
Shigeki Suzuki  
Satoru Kamohara  
Junto Ogawa  
Doug Wood  
Rebecca Steinman  
Kevin Lynn, et al.

ISL

Dan Prelewicz  
Edward Throm  
Joo-Seok Baek, et al.

Docket No.: 52-021

Enclosure:  
Agenda

cc w/ encl: See next page

H. Hamzehee

- 2 -

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

|                       |                        |                       |
|-----------------------|------------------------|-----------------------|
| <u>NRO</u>            | <u>MHI/MNES/ADVENT</u> | <u>ISL</u>            |
| Michael Takacs        | Ryan Sprengel          | Dan Prelewicz         |
| Hossein Hamzehee      | Keith Paulson          | Edward Throm          |
| Jeffrey Ciocco        | Yuta Maruyama          | Joo-Seok Baek, et al. |
| Jeffrey Schmidt       | Hiroshi Fujishiro      |                       |
| Andrew Bielen, et al. | Shigeki Suzuki         |                       |
|                       | Satoru Kamohara        |                       |
|                       | Junto Ogawa            |                       |
|                       | Doug Wood              |                       |
|                       | Rebecca Steinman       |                       |
|                       | Kevin Lynn, et al.     |                       |

Docket No.: 52-021

Enclosure:  
Agenda

cc w/ encl: See next page

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|               |                         |                        |                         |
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| <b>NAME</b>   | (HHamzehee for) MTakacs | (RRobinson for) CSmith | (HHamzehee for) JCiocco |
| <b>DATE</b>   | 11/25/2009              | 11/25/2009             | 11/25/2009              |

OFFICIAL RECORD COPY

Meeting Agenda

Tuesday, December 8, 2009  
8:00 a.m. – 4:30 p.m.

Information Systems Laboratories, Inc.  
11140 Rockville Pike, Suite 500  
Rockville, Maryland

| <u>TIME</u>             | <u>TOPIC</u>   | <u>LEAD</u> |
|-------------------------|--|-------------|
| 8:00 a.m. – 8:30 a.m.   | Room open for entry                                      | NRC         |
| 8:30 a.m. – 8:40 a.m.   | Opening Remarks  | NRC         |
| 8:40 a.m. – 8:45 a.m.   | Closing of the meeting                                   | NRC         |
| 8:45 a.m. – 10:30 a.m.  | MHI/NRC discussion on Non-LOCA simulations with MARVEL-M | MHI/NRC     |
| 10:30 a.m. – 10:45 a.m. | Break  |             |
| 10:45 a.m. – 12:00 p.m. | MHI/NRC discussion on Non-LOCA simulations with MARVEL-M | NRC/MHI     |
| 12:00 p.m. – 12:45 p.m. | Lunch  | ALL         |
| 12:45 p.m. – 4:00 p.m.  | MHI/NRC discussion on Non-LOCA simulations with MARVEL-M | NRC/MHI     |
| 4:00 p.m. – 4:15 p.m.   | Break  |             |
| 4:15 p.m. – 4:30 p.m.   | Wrap-up and closing remarks                              | NRC         |
| 4:30 p.m.               | Adjourn  |             |

Enclosure

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(Revised 11/19/2009)

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