

16-5, KONAN 2-CHOME, MINATO-KU TOKYO, JAPAN

September 3, 2013

Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

Attention: Mr. Perry Buckberg

Docket No. 52-021 MHI Ref: UAP-HF-13217

Subject: MHI's Response to US-APWR DCD RAIs No. 490-3732, Question

03.08.01-02, and 1040-7139, Question 03.08.01-22

Reference: 1) Letter MHI Ref. UAP-HF-13196 from Y. Ogata (MHI) to U.S. NRC,

"US-APWR Updated to the Seismic Closure Plan and Submittals to DCD

Chapter 3," dated August 2<sup>nd</sup>, 2013, ML13220A149.

With this letter, Mitsubishi Heavy Industries, Ltd. (MHI) transmits to the U.S. Nuclear Regulatory Commission (NRC) the document entitled "MHI's Response to US-APWR DCD RAIs No. 490-3732, Question 03.08.01-02, and 1040-7139, Question 03.08.01-22" scheduled for submittal in accordance with Reference 1.

Attachment 1 provides a listing of the files contained in Enclosure 1. Attachment 2 provides a listing of those RAI responses contained in Enclosure 1.

It is explained in Reference 1 that after analyzing the SSSI effect of the reactor building (R/B) complex on the response of the turbine building (T/B), MHI noted higher structural demands for the T/B and Electrical Room structures during the design basis earthquake which resulted in the need to recalculate structural steel member stresses within the T/B calculation. The schedule for completing this work has been developed and is being provided as committed in Reference 1. "Steel Member Stress of T/B Calculation" will be available for audit by the NRC by the end of November 2013.

Attachment 3 provides a listing of the RAI response, originally due in August, which is being deferred to September. The reason for the deferral is to allow the necessary time to complete preparation of document mark-ups which support the text of the response.

Please contact Mr. Joseph Tapia, General Manager of Licensing Department, Mitsubishi Nuclear Energy Systems, Inc. if the NRC has questions concerning any aspect of this letter. Mr. Tapia's contact information is provided below.

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#### Sincerely,

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Yoshiki Ogata, Executive Vice President Mitsubishi Nuclear Energy Systems, Inc. On behalf of Mitsubishi Heavy Industries, Ltd.

#### **Enclosures:**

1. CD 1: MHI's Response to US-APWR DCD RAIs No. 490-3732, Question 03.08.01-02, and 1040-7139, Question 03.08.01-22

The files contained on CD 1 are listed in Attachment 1 hereto.

CC: P. Buckberg J. Tapia

### **Contact Information**

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# <u>ATTACHMENT – 1</u>

### **FILES CONTAINED IN CDs**

**CD 1:** MHI's Response to US-APWR DCD RAIs No. 490-3732, Question 03.08.01-02, and 1040-7139, Question 03.08.01-22

### Contents of CD1

File Name	<u>Size</u>	Sensitivity Level
RAI 490-3732 Q03.08.01-02.pdf	84.7 KB	None
RAI 1040-7139 Q03.08.01-22.pdf	97.8 KB	None

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## <u>ATTACHMENT - 2</u> <u>LIST OF RAI RESPONSES</u>

RAI Letter No.	eRAI No.	Question No.	Question No (Sub-number)
490	3732	03.08.01-02	
1040	7139	03.08.01-22	

# <u>ATTACHMENT - 3</u> <u>LIST OF DEFERRED RAI RESPONSES</u>

RAI Letter No.	eRAI No.	Question No.	Question No. (Sub-number)	Submittal Date
958	6608	03.08.03-96		9/30/2013 <sup>1)</sup>

#### Note

1) This RAI response was scheduled for submittal in August 2013 in accordance with the "US-APWR Update to the Seismic Closure Plan and Submittals related to DCD Chapter 3" (UAP-HF-13196, August 2<sup>nd</sup>, 2013).