MITSUBISHI HEAVY INDUSTRIES, LTD.
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TOKYO, JAPAN

February 27, 2013

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

Attention: Mr. Jeffrey A. Ciocco

Docket No. 52-021
MHI Ref: UAP-HF-13035

Subject: **Revised RAI Responses to Historical and Outstanding RAIs for US-APWR DCD Sections 2.5 and 3.7**

Reference:
1) Letter MHI Ref. UAP-HF-13034 from Y. Ogata (MHI) to U.S. NRC, "Updated Closure Plan for US-APWR Seismic and Structural Analyses-Schedule Improvement," dated February 15, 2013.

2) Letter MHI Ref. UAP-HF-13009 from Y. Ogata (MHI) to U.S. NRC, "Transmittal of Technical Report 'Sliding Evaluation and Results' (MUAP-12002, Revision 1)," dated January 30, 2013, ML13043A056.

With this letter, Mitsubishi Heavy Industries, Ltd. (MHI) transmits to the U.S. Nuclear Regulatory Commission (NRC) the document entitled "Revised RAI Responses to Historical and Outstanding RAIs for US-APWR DCD Sections 2.5 and 3.7," scheduled for submittal in accordance with Reference 1.

Enclosed are responses to twenty-two (22) RAIs, listed within Table 4-1 and Table 4-2 of Reference 1. The enclosed documents are included on a compact disc (CD).

Reference 1 includes lists of Historical RAIs, "On Hold" RAIs, and outstanding in-process RAIs as Tables 4-1 to 4-3 respectively. In Table 4-1, Historical RAIs are listed, and each RAI question is assigned to one of three categories: A, B, or C, which correspond to unaffected responses, editorially affected responses, and materially affected responses respectively. Submitted RAI responses with this letter include a subset of category C responses indicated in Table 4-1 of Reference 1. These are revised consistent with submitted Technical Report MUAP-12002, Revision 1 (Reference 2). Also included with this letter are the initial submittal of a subset of previously "On Hold" RAI questions contained in Table 4-2 of Reference 1.

Attachment 1 is a listing of the files contained in Enclosure 1. Attachment 2 is a listing of the submitted RAI responses.

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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NRO

Sincerely,

Yoshiki Ogata,
Director, APWR Promoting Department
Mitsubishi Heavy Industries, LTD.

Enclosures:

1. CD 1: Revised RAI Responses to Historical RAI and Outstanding RAIs for US-APWR DCD Sections 2.5 and 3.7

CC: J. A. Ciocco
J. Tapia

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ATTACHMENT – 1

FILES CONTAINED IN CDs

CD 1: Revised RAI Responses to Historical RAI and Outstanding RAIs for US-APWR DCD Sections 2.5 and 3.7

Contents of CD1
This CD includes RAI responses.

File Name	Size
RAI 94-1491 Q02.05.04-02.pdf	56 KB
RAI 212-1950 Q03.07.02-001 (23).pdf	61 KB
RAI 212-1950 Q03.07.02-001 (25).pdf	56 KB
RAI 495-3980 Q03.07.02-05.pdf	56 KB
RAI 542-4262 Q03.07.02-007 (34).pdf	56 KB
RAI 660-5134 Q03.07.02-039 (68).pdf	62 KB
RAI 812-5983 Q03.07.02-109.pdf	181 KB
RAI 886-6202 Q03.07.01-33.pdf	67 KB
RAI 853-6029 Q03.07.02-139.pdf	53 KB
RAI 853-6029 Q03.07.02-140.pdf	54 KB
RAI 853-6029 Q03.07.02-141.pdf	59 KB
RAI 853-6029 Q03.07.02-142.pdf	59 KB
RAI 853-6029 Q03.07.02-143.pdf	53 KB
RAI 853-6029 Q03.07.02-144.pdf	55 KB
RAI 853-6029 Q03.07.02-145.pdf	53 KB
RAI 853-6029 Q03.07.02-146.pdf	56 KB
RAI 853-6029 Q03.07.02-147.pdf	56 KB
RAI 853-6029 Q03.07.02-148.pdf	54 KB
RAI 853-6029 Q03.07.02-149.pdf	54 KB
RAI 853-6029 Q03.07.02-150.pdf	54 KB
RAI 854-6088 Q03.07.02-155.pdf	54 KB
RAI 854-6088 Q03.07.02-156.pdf	54 KB

ATTACHMENT – 2

LIST OF RAI RESPONSES

RAI Letter No.	eRAI No.	Question No.	Question No. (Sub-number)
94	1491	02.05.04-2	
212	1950	03.07.02-001	03.07.02-23
212	1950	03.07.02-001	03.07.02-25
495	3980	03.07.02-05	
542	4262	03.07.02-007 (-34)	
660	5134	03.07.02-039 (-68)	
812	5983	03.07.02-109	
886	6202	03.07.01-33	
853	6029	03.07.02-139	
853	6029	03.07.02-140	
853	6029	03.07.02-141	
853	6029	03.07.02-142	
853	6029	03.07.02-143	
853	6029	03.07.02-144	
853	6029	03.07.02-145	
853	6029	03.07.02-146	
853	6029	03.07.02-147	
853	6029	03.07.02-148	
853	6029	03.07.02-149	
853	6029	03.07.02-150	
854	6088	03.07.02-155	
854	6088	03.07.02-156	