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TOKYO, JAPAN

July 15, 2011

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-11220

#### Subject: Transmittal of Errata for Technical Reports "Seismic Design Bases of the US-APWR Standard Plant" (MUAP-10001), Revision 3" and "Auxiliary Building Model Properties, SSI Analyses, and Structural Integrity Evaluation for the US-APWR Standard Plant" (MUAP-11001), Revision 1"

- References: (1) Letter (ML11167A150) from Y. Ogata (MHI) to U.S. NRC, "Transmittal of the Technical Reports "Seismic Design Bases of the US-APWR Standard Plant" (MUAP-10001)" dated June 10, 2011
  - (2) Letter (ML11181A077) from Y. Ogata (MHI) to U.S. NRC, "Transmittal of the Technical Report "Auxiliary Building Model Properties, SSI Analyses, and Structural Integrity Evaluation for the US-APWR Standard Plant" (MUAP-11001), Revision 1" dated June 15, 2011

In References 1 and 2, Mitsubishi Heavy Industries, Ltd. (MHI) transmitted Technical Reports MUAP-10001, Revision 3 and MUAP-11001, Revision 1, to the NRC. Subsequent to the transmittal, NRC staff identified an editorial error in MUAP-11001. MHI examined MUAP-11001 and confirmed this error as reported in Attachment 1. As concurred by NRC Staff, this error will be formally corrected in MUAP-11001, Revision 2, when the document is submitted to the NRC as scheduled in late 2011.

To ensure accuracy of information in Technical Report MUAP-10001, Revision 3, this report was also reviewed. During the re-examination of MUAP-10001, Revision 3, multiple editorial errors were found. Attachment 2 characterizes these errors as incorrect reference of a table number, incorrect reference numbers of figures, incorrect numbering of section headings, and incorrect positioning of section headers. As concurred by NRC Staff, MHI will correct these errors during the submission of the next revision of MUAP-10001, after the NRC staff review of that report has been conducted.

Please contact Dr. C. Keith Paulson, Senior Technical Manager, Mitsubishi Nuclear Energy Systems, Inc., if the NRC has questions concerning any aspect of this submittal. His contact information is provided below.

Sincerely,

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Yoshiki Ogata, General Manager- APWR Promoting Department Mitsubishi Heavy Industries, LTD.



#### Attachments:

- 1. ERRATA For Technical Report MUAP-11001(R1)
- 2. ERRATA For Technical Report MUAP-10001(R3)

CC : J. A. Ciocco C. K. Paulson

Contact Information C. Keith Paulson, Senior Technical Manager Mitsubichi Nuclear Energy Systems, Inc.

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# ATTACHMENT 1

#### ERRATA

### For Technical Report MUAP-11001(R1)

PAGE	LOCATION	ORIGINAL TEXT	CORRECT TEXT
85	Item 8.1	MHI Technical Report MUAP-10001, Revision 2,	MHI Technical Report MUAP-10001, Revision 3,
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# **ATTACHMENT 2**

### ERRATA

# For Technical Report MUAP-10001 (R3)

PAGE	LOCATION	ORIGINAL TEXT	CORRECT TEXT
4-23	First paragraph at top of page	For a selected nominal mesh size at the basemat interface with soil dFE=9 ft, Table 4.3.1.2-2 provides the wave passage frequencies for the eight different generic subgrade conditions specified in Table 4.3.1.2-1.	For a selected nominal mesh size at the basemat interface with soil $d_{FE}=9$ ft, Table 4.3.1.2-2 1 provides the wave passage frequencies for the eight different generic subgrade conditions specified in Table 4.3.1.2-1.
5-142	Section 5.3.3.2.2	" Figure 5.3.4.2.1-1 through Figure 5.3.4.2.1-3"	Figure 5.3.3.2.2-1 through Figure 5.3.3.2.2-3
	Section 5.3.3.2.2	'Figure 5.3.4.2.1-4 through Figure 5.3.4.2.1-6"	Figure 5.3.3.2.2-4 through Figure 5.3.3.2.2-6
5-166	Section 5.3.3.3.1, Second Paragraph	"Figure 5.3.5.1-1and Figure 5.3.5.1-2"	Figure 5.3.3.3.1-1and Figure 5.3.3.3.1-2
5-216	Section 5.4.1 Heading	5.4.5 Development of the FE Model of the PS/B	5.4.1 Development of the FE Model of the PS/B
5-220	Section 5.4.2 Heading	5.4.6 Attributes Assigned to the PS/B Dynamic FE Model	5.4.2 Attributes Assigned to the PS/B Dynamic FE Model
5-220	Section 5.4.3 Heading	5.4.7 Validation of the PS/B Dynamic FE Model	5.4.3 Validation of the PS/B Dynamic FE Model
5-222	Section 5.4.3.1 Heading	5.4.7.1 1g Static Analysis	5.4.3.1 1g Static Analysis
	Section 5.4.3.1, position of heading on page.	Heading is in the middle of the page.	Heading should be at the left margin of the page.
5-226	Section 5.4.3.2	5.4.7.2 Modal Analysis	5.4.3.2 Modal Analysis

	Heading		
	Section 5.4.3.2, position of heading on page	Heading is in the middle of the page.	Heading should be at the left margin of the page.
5-229	Section 5.4.3.3 Heading	5.4.7.3 Modal Superposition Time History Analysis	5.4.3.3 Modal Superposition Time History Analysis
	Section 5.4.3.3, position of heading on page	Heading is in the middle of the page.	Heading should be at the left margin of the page.
5-238	Section 5.4.4 Heading	5.4.8 Local Out-of-Plane Vibration of the Slabs	5.4.4 Local Out-of-Plane Vibration of the Slabs
5-241	Section 5.4.5 Heading	5.4.9 ACS SASSI Validation	5.4.5 ACS SASSI Validation
5-250	Section 5.4.6 Heading	5.4.10 Results and Conclusion	5.4.6 Results and Conclusion
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