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TOKYO, JAPAN

April 3, 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-13072

Subject: DCD Markups Associated with Updated Seismic Closure Plan for US-APWR Seismic and Structural Analyses

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

With this letter, Mitsubishi Heavy Industries, Ltd. (MHI) transmits to the U.S. Nuclear Regulatory Commission (NRC) the DCD markups scheduled for submittal in March 2013 in Table 3 of the "Updated Seismic Closure Plan" (Reference 1). The applicable DCD Sections are identified in Attachment 1 which includes the reason for the change.
One version of the enclosed markups (CD 1) include certain information, designated pursuant to the Commission guidance as sensitive unclassified non-safeguards information, referred to as security-related information (SRI), that is to be withheld from public disclosure under 10 CFR § 2.390. The information that is SRI is identified by brackets "[ ]." Another version (CD 2) omits the SRI and is suitable for public disclosure. In the public version of the DCD, the SRI is replaced by designation "Security Related Information – Withheld under 10 CFR 2.390."

As clarification to Table 3 of Reference 1, changes to the following DCD sections are incorporated as described:

1. In Attachment 1, the pages associated with section numbers in the Change List include any associated subsections to that section number.

2. The changes to Chapter 9 Section 9.4.1 are incorporated in subsection 9.4.1.3.

3. The changes to Chapter 9 Section 9.5.8 are incorporated in subsection 9.5.8.3.

Contrary to Table 3 of Reference 1, further review by MHI determined that the following DCD sections will not be changed at this time:

1. Figure 3.8.1-9 has been previously updated as recorded by Change ID MIC-03-03-00052.

2. Figures 3.8.1-10 and 3.8.1-11 are not impacted by thermal gradient changes, and therefore no changes to these figures are applicable.

3. Figure 3.8.1-12 has been previously updated as recorded by Change ID MIC-03-03-00047.

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4. Figure 3.8.1-13 has been previously updated as recorded by Change ID MIC-03-03-00048.

5. Figure 3.8.4-1 has been previously updated as recorded by Change ID MIC-03-03-00048.

6. Figure 3.8.5-4 is not changed, as the intent is to reflect only the interface between ACI and ASME code regions.

In addition, DCD markups will be provided in the future which relate to critical elements of the Seismic Category I structures. These markups will also document the criteria applied for the selection of critical elements, and will be provided to the NRC in June 2013.
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. His contact information is provided below.

Sincerely,

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

Enclosures :

CD 1: "DCD Markups on March 2013 Associated with Updated Seismic Closure Plan for US-APWR Seismic and Structural Analyses" (SRI included version)

CD 2: "DCD Markups on March 2013 Associated with Updated Seismic Closure Plan for US-APWR Seismic and Structural Analyses" (SRI excluded version)

The change list is in Attachment 1.
The files contained in each CD are listed in Attachment 2.

CC: J. A. Ciocco
J. Tapia

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ATTACHMENT – 1

Change list

Change ID No.	Section	Page	Reason for Change	Change Summary
MIC-03-03-00057	Tier 1 Table 2.1-1 (Sheets 1, 7 & 8)	[2.1-2, 2.1-8, 2.1-9]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to seismic design change
MIC-03-T1-00005	Tier 1 Table 2.2-2 (Sheet 5)	[2.2-11]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to the seismic design and AIA/ESWPT changes (inadvertently omitted from February transmittal)
MIC-03-T1-00011	Tier 1 2.6.4.2	[2.6-34]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to the seismic design and AIA/ESWPT changes (inadvertently omitted from February transmittal)
MIC-03-03-00057	Chapter 1 Table 1.6-2 (Sheets 5 & 6) Table 1.8-2 (Sheets 3, 9, 10, 11) Table 1.9.1-1 (Sheets 4, 6, 12 & 14)	[1.6-8, 1.6-9] [1.8-9, 1.8-15 thru 1.8-17] [1.9-6, 1.9-8, 1.9-14, 1.9-16]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to seismic design change

Change ID No.	Section	Page	Reason for Change	Change Summary
MIC-03-02-00057	Chapter 2 Table 2.0-1 (Sheets 1, 6 & Notes)	[2.0-2, 2.0-7, 2.0-8]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to seismic design change
MIC-03-03-00057	Chapter 3 3.3.1.2 3.8.1.1 3.8.1.3 3.8.1.4 3.8.1.5 3.8.1.6 3.8.1.7 3.8.3.1 3.8.3.3 3.8.3.4 3.8.3.5 3.8.3.6 3.8.4 3.8.4.1 3.8.4.2 3.8.4.3 3.8.4.4 3.8.4.6 3.8.4.7 3.8.5.1 3.8.5.2 3.8.5.3 3.8.5.4 3.8.5.5 3.8.5.6 3.8.5.7 3.8.6 3.8.7 Table 3.8.1-1	[3.3-1 thru 3.3-3, 3.3-9] [3.8-1 thru 3.8-4] [3.8-5, 3.8-7, 3.8-8] [3.8-9, 3.8-10, 3.8-12 thru 3.8-14] [3.8-17 thru 3.8-20, 3.8-23] [3.8-26 thru 3.8-30] [3.8-31, 3.8-33] [3.8-36] [3.8-39, 3.8-41] [3.8-42 thru 3.8-58] [3.8-59, 3.8-60] [3.8-60] [3.8-60, 3.8-61] [3.8-61 thru 3.8-64] [3.8-64 thru 3.8-66] [3.8-67 thru 3.8-70, 3.8-72, 3.8-73] [3.8-74 thru 3.8-85] [3.8-86 thru 3.8-92] [3.8-93] [3.8-94, 3.8-95] [3.8-95] [3.8-96] [3.8-96 thru 3.8-103] [3.8-103 thru 3.8-109] [3.8-109] [3.8-109] [3.8-111 thru 3.8-113] [3.8-113 thru 3.8-119] [3.8-120]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to seismic design and layout changes

Change ID No.	Section	Page	Reason for Change	Change Summary
	Table 3.8.1-2	[3.8-121]		
	Table 3.8.1-3	[3.8-122 thru 3.8-124]		
	Table 3.8.1-4	[3.8-125]		
	Table 3.8.3-1	[3.8-126]		
	Table 3.8.3-2	[3.8-127, 3.8-128]		
	Table 3.8.3-3	[3.8-129]		
	Table 3.8.3-4	[3.8-131]		
	Table 3.8.3-5	[3.8-132]		
	Table 3.8.3-6	[3.8-133]		
	Table 3.8.4-1	[3.8-134]		
	Table 3.8.4-2	[3.8-135]		
	Table 3.8.4-3	[3.8-136, 3.8-137]		
	Table 3.8.4-4	[3.8-138]		
	Table 3.8.4-5	[3.8-140]		
	Table 3.8.4-6	[3.8-141]		
	Table 3.8.4-7	[3.8-142]		
	Table 3.8.4-8	[3.8-143]		
	Table 3.8.4-9	[3.8-144]		
	Table 3.8.4-10	[3.8-145]		
	Table 3.8.4-11	[3.8-145]		
	Table 3.8.4-12	[3.8-146]		
	Table 3.8.4-13	[3.8-147]		
	Table 3.8.4-14	[3.8-147]		
	Table 3.8.4-15	[3.8-148]		
	Table 3.8.4-16	[3.8-149]		
	Table 3.8.4-17	[3.8-150]		
	Table 3.8.4-18	[3.8-150]		
	Table 3.8.4-19	[3.8-151]		
	Table 3.8.4-20	[3.8-151]		
	Table 3.8.4-21	[3.8-152]		
	Table 3.8.4-22	[3.8-153]		
	Table 3.8.5-1	[3.8-154]		
	Table 3.8.5-2	[3.8-155]		
	Table 3.8.5-4	[3.8-157, 3.8-158]		
	Table 3.8.5-5	[3.8-159]		
	Table 3.8.5-6	[3.8-160]		
	Figure 3.8.1-1 (Sheets 1 & 3)	[3.8-161, 3.8-163]		
	Figure 3.8.1-2	[3.8-164]		
	Figure 3.8.1-4	[3.8-166]		
	Figure 3.8.1-5	[3.8-167 – 3.8-185]		
	Figure 3.8.1-8 (Sheets 1 - 11, 13 – 17)	[3.8-188 – 3.8-198, 3.8-200 – 3.8-204]		
	Figure 3.8.3-6 (Sheet 6 & 7)	[3.8-234, 3.8-235]		

Change ID No.	Section	Page	Reason for Change	Change Summary
	Figure 3.8.3-7 Figure 3.8.3-9 Figure 3.8.3-10 Figure 3.8.3-11 Figure 3.8.4-2 Figure 3.8.4-3 Figure 3.8.4-4 Figure 3.8.4-5 Figure 3.8.4-6 Figure 3.8.4-7 Figure 3.8.4-8 Figure 3.8.4-9 Figure 3.8.4-10 Figure 3.8.4-11 Figure 3.8.4-12 Figure 3.8.4-13 Figure 3.8.4-14 Figure 3.8.4-15 Figure 3.8.4-16 Figure 3.8.4-17 Figure 3.8.4-18 Figure 3.8.4-19 Figure 3.8.4-20 Figure 3.8.4-21 Figure 3.8.4-22 Figure 3.8.4-23 Figure 3.8.4-24 Figure 3.8.4-25 Figure 3.8.4-26 Figure 3.8.5-1 Figure 3.8.5-2 Figure 3.8.5-3 Figure 3.8.5-5 Figure 3.8.5-6 Figure 3.8.5-7 Figure 3.8.5-8 Figure 3.8.5-9 Figure 3.8.5-10 Figure 3.8.5-11 Figure 3.8.5-12 Figure 3.8.5-13 Figure 3.8.5-14 Figure 3.8.5-15	[3.8-236 – 3.8-240] [3.8-244 – 3.8-246] [3.8-247] [3.8-248] [3.8-259, 3.8-260] [3.8-261, 3.8-262] [3.8-263, 3.8-264] [3.8-265, 3.8-266] [3.8-267, 3.8-268] [3.8-269, 3.8-270] [3.8-271] [3.8-272] [3.8-273 – 3.8-276] [3.8-277] [3.8-278] [3.8-279] [3.8-280] [3.8-281] [3.8-282] [3.8-283] [3.8-284] [3.8-285] [3.8-286] [3.8-287] [3.8-288] [3.8-289] [3.8-290] [3.8-291] [3.8-292] [3.8-293] [3.8-294] [3.8-295] [3.8-297] [3.8-298] [3.8-299] [3.8-300] [3.8-301] [3.8-302] [3.8-303] [3.8-304] [3.8-305] [3.8-306] [3.8-306]		
MIC-03-03-00057	Appendix 3B 3B.2.2.2	[3B-11]	Updated Seismic	Update the description

Change ID No.	Section	Page	Reason for Change	Change Summary
	Figure 3B-4	[3B-25]	Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	related to the seismic design change
MIC-03-09-00016	Chapter 9 9.4.1.3	[9.4-8]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to layout change
MIC-03-09-00017	Chapter 9 9.5.8.3	[9.5-47]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to layout change
MIC-03-09-00015	Appendix 9A 9A.3.5 9A.3.6 9A.3.7 9A.3.8 9A.3.13 9A.3.19 9A.3.26 9A.3.27 9A.3.31 9A.3.32 9A.3.33 9A.3.35 9A.3.36 9A.3.37 9A.3.38 9A.3.39 9A.3.40 9A.3.43 9A.3.44 9A.3.45 9A.3.46 9A.3.47	 [9A-22, 9A-24] [9A-26] [9A-28] [9A-30] [9A-37, 9A-39] [9A-50] [9A-61] [9A-62] [9A-70] [9A-72] [9A-74] [9A-79, 9A-80] [9A-80, 9A-82] [9A-83, 9A-85] [9A-85] [9A-88, 9A-90] [9A-92] [9A-96] [9A-98] [9A-100] [9A-102] [9A-103 thru 9A-105]	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update information related to layout change

Change ID No.	Section	Page	Reason for Change	Change Summary
	9A.3.48	[9A-105 thru 9A-107]		
	9A.3.49	[9A-107]		
	9A.3.50	[9A-109, 9A-110]		
	9A.3.51	[9A-111, 9A-113]		
	9A.3.52	[9A-113]		
	9A.3.54	[9A-118, 9A-120]		
	9A.3.55	[9A-120, 9A-122]		
	9A.3.56	[9A-123]		
	9A.3.57	[9A-125]		
	9A.3.60	[9A-130]		
	9A.3.62	[9A-134]		
	9A.3.64	[9A-137]		
	9A.3.72	[9A-151]		
	9A.3.76	[9A-159]		
	9A.3.79	[9A-166]		
	9A.3.80	[9A-166, 9A-168]		
	9A.3.84	[9A-174, 9A-175]		
	9A.3.85	[9A-176]		
	9A.3.87	[9A-181]		
	91.3.88	[9A-181 thru 9A-183]		
	9A.3.89	[9A-183 thru 9A-185]		
	9A.3.90	[9A-185]		
	9A.3.97	[9A-198]		
	9A.3.98	[9A-199]		
	9A.3.99	[9A-201, 9A-202]		
	9A.3.101	[9A-205]		
	9A.3.107	[9A-214, 9A-215]		
	9A.3.108	[9A-216]		
	9A.3.109	[9A-217 thru 9A-220]		
	9A.3.110	[9A-220 thru 9A-222]		
	9A.3.111	[9A-223]		
	9A.3.112	[9A-225, 9A-226]		
	9A.3.113	[9A-227, 9A-228]		
	9A.3.114	[9A-228, 9A-230, 9A-231]		
	9A.3.115	[9A-231, 9A-233]		
	9A.3.116	[9A-233, 9A-235]		
	9A.3.117	[9A-235, 9A-237]		
	9A.3.118	[9A-238]		
	9A.3.119	[9A-240]		
	9A.3.122	[9A-244, 9A-246]		
	9A.3.123	[9A-246 thru 9A-		

Change ID No.	Section	Page	Reason for Change	Change Summary
		248]		
	9A.3.124	[9A-248 thru 9A-250]		
	9A.3.126	[9A-252]		
	9A.3.127	[9A-253]		
	9A.3.128	[9A-255, 9A-256]		
	9A.3.129	[9A-257, 9A-258]		
	9A.3.130	[9A-259, 9A-260]		
	9A.3.131	[9A-261, 9A-262]		
	9A.3.132	[9A-263, 9A-264]		
	9A.3.133	[9A-264, 9A-265]		
	9A.3.134	[9A-265 thru 9A-267]		
	9A.3.135	[9A-267 thru 9A-269]		
	9A.3.136	[9A-269 thru 9A-271]		
	9A.3.137	[9A-271 thru 9A-273]		
	9A.3.138	[9A-273 thru 9A-275]		
	9A.3.139	[9A-275 thru 9A-277]		
	9A.3.140	[9A-277, 9A-278]		
	9A.3.141	[9A-278, 9A-279, 9A-281]		
	9A.3.143	[9A-283]		
	9A.3.148	[9A-290]		
	9A.3.149	[9A-292]		
	9A.3.150	[9A-293]		
	9A.3.151	[9A-295]		
	9A.3.152	[9A-297]		
	9A.3.153	[9A-299]		
	Table 9A-1 (Sheets 4, 6 – 15, & 17)	[9A-305, 9A-307 thru 9A-316, 9A-318]		
	Table 9A-2 (Sheets 12, 27 – 36, 38, 40, 45, 52 – 54, 56, 57, 62, 66 – 70, 83, 84, 86, 89, 91, 92, 95, 99 – 104, 110 – 306)	[9A-330, 9A-345 thru 9A-354, 9A-356, 9A-358, 9A-363, 9A-370 thru 9A-372, 9A-374, 9A-375, 9A-380, 9A-384 thru 9A-388, 9A-401, 9A-402, 9A-404, 9A-407, 9A-409, 9A-410, 9A-413, 9A-		

Change ID No.	Section	Page	Reason for Change	Change Summary
		417 thru 9A-422, 9A-428 thru 9A-632]		
	Table 9A-3 (Sheets 3 – 35)	[9A-635 thru 9A-667]		
	Legend	[9A-669]		
	Figure 9A-1	[9A-670]		
	Figure 9A-2	[9A-671]		
	Figure 9A-3	[9A-672]		
	Figure 9A-4	[9A-673]		
	Figure 9A-5	[9A-674]		
	Figure 9A-6	[9A-675]		
	Figure 9A-7	[9A-676]		
	Figure 9A-8	[9A-677]		
	Figure 9A-9	[9A-678]		
	Figure 9A-10	[9A-679]		
	Figure 9A-11	[9A-680]		
	Figure 9A-12	[9A-681]		
	Figure 9A-13	[9A-682]		
	Figure 9A-14	[9A-683]		
	Figure 9A-15	[9A-684]		
	Figure 9A-16	[9A-685]		
	Figure 9A-17	[9A-686]		
	Figure 9A-18	[9A-687]		
	Figure 9A-19	[9A-688]		
	Figure 9A-20	[9A-689]		
	Figure 9A-21	[9A-690]		
	Figure 9A-22	[9A-691]		
	Figure 9A-23	[9A-692]		
	Figure 9A-24	[9A-693]		
	Figure 9A-25	[9A-694]		
	Figure 9A-26	[9A-695]		
	Figure 9A-27	[9A-696]		

ATTACHMENT – 2

FILES CONTAINED IN CDs

CD 1: DCD Markups Associated with Updated Seismic Closure Plan for US-APWR Seismic and Structural Analyses (SRI included version)

Contents of CD1

File Name	Size	Sensitivity Level
Tier1_NonPub.pdf	146KB	SRI-Included
Ch01_NonPub.pdf	273KB	SRI-Included
Ch02_NonPub.pdf	84KB	SRI-Included
Ch03_NonPub.pdf	37.0MB	SRI-Included
CH9_NonPub.pdf	3.18MB	SRI-Included

CD 2: DCD Markups Associated with Updated Seismic Closure Plan for US-APWR Seismic and Structural Analyses (SRI excluded version)

Contents of CD2

File Name	Size	Sensitivity Level
Tier1_Pub.pdf	146KB	SRI-Excluded
Ch01_Pub.pdf	273KB	SRI-Excluded
Ch02_Pub.pdf	84KB	SRI-Excluded
Ch03_Pub.pdf	36.7MB	SRI-Excluded
CH9_Pub.pdf	1.99MB	SRI-Excluded