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TOKYO, JAPAN

February 28, 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-13048

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 February 2013 in Table 3 of Reference 1. The applicable DCD Sections are identified in Attachment 1 which includes the reason for the change.

This document includes 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 C.F.R. § 2.390. The information that is SRI is identified by brackets "[ ]." The non-proprietary (public) version of the document omits the SRI and is suitable for public disclosure. In the public version of the document, the SRI is replaced by the designation "Security Related Information – Withheld Under 10 C.F.R. 2.390."

Although indentified in Table 3, "Impact on DCD," of Reference 1, the following DCD sections are not being changed at this time:

1. Tier 1, Sections 2.2.1, 2.2.1.3, and 2.2.1.8: Changes in descriptions of R/B complex, including PS/B, A/B, and AC/B basemats, have been determined to be unnecessary.
2. Tier 1, Section 2.2.3.1 (items 9 – 14): Updates (items 9 – 14) to address watertight doors between structures on the common basemat have been determined to be unnecessary.
3. Tier 1, Table 2.2-1: The R/B and PS/B in Table 2.2-1 includes the ESWPC, thus adding another row for the ESWPC alone was unnecessary.
4. Chapter 3, Table 3.2-4: This table's revision was unnecessary because it directly references Tier 1, Table 2.2-1, which remains unchanged.

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5. Chapter 3, Section 3.4.1.3: This section will be revised as part of the RAI 841 response (related to Flooding analysis), and is not included with this letter.

6. Chapter 17, Table 17.4: This table is not being changed at this time because the internal fire and internal flooding PRAs that it is referencing in DCD Chapter 19, will not be changed.

7. Chapter 19, Sections 19.1.5.2 and 19.1.6.3: This section is not being revised because the difference in internal fire CDF due to the layout change was less than 5% of the cumulative CDF reported in DCD Rev. 3. The effects from the layout change and other changes (i.e. from RAI responses), will be incorporated by the end of Phase 4 of the DCD review.

8. Chapter 19, Sections 19.1.5.2 and 19.1.6.3: This section is not being revised because the difference in internal flooding CDF due to the layout change was less than 1% of the cumulative CDF reported in DCD Rev. 3. The effects from the layout change and other changes (i.e. from RAI responses), will be incorporated by the end of Phase 4 for DCD review.

9. Chapter 19, MUAP-07030 Rev. 3: This section is not being revised because the PRA in DCD Chapter 19 is not being revised at this time. This technical report will be revised after the DCD PRA is revised.

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,
Director- APWR Promoting Department
Mitsubishi Heavy Industries, LTD.

Enclosures:

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

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

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

CC: J. A. Ciocco
J. Tapia

Contact Information
Joseph Tapia, General Manager of Licensing Department
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ATTACHMENT – 1

Change list

Change ID No.	Section	Page	Reason for Change	Change Summary
MIC-03-T1-00008	Tier 1 2.2.1.1 2.2.1.4 2.2.1.6 2.2.1.7 2.7.3.1.1 3.1 3.2.3 Figures 2.1-1 and 2.1-2 Table 2.7.3.1-5	 2.2-1 2.2-2 2.2-2 2.2-2 2.7-92 3-1 3-2 2.1-10 and 2.1-11 2.7-99	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update the description related to the seismic design change.
MIC-03-T1-00005	Tier 1 Figures 2.2-1 through 2.2-13 Table 2.2-2 (Sheet 2 of 17 through Sheet 17 of 17)	 2.2-36 through 2.2-48 2.2-8 through 2.2-23	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update the description related to the seismic and structure.
MIC-03-01-00025	Table 1.9.1-1 (Sheet 6 of 20, Sheet 9 of 20 and Sheet 11 of 20) 1.9.5-2	 1.9-8, 1.9-11 and 1.9-13 1.9-472	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update the description related to the seismic and structure.

Change ID No.	Section	Page	Reason for Change	Change Summary
MIC-03-03-00056	3.6.3.3.3 3.6.3.3.4 3B.2.2.2 Figure 3.6-1 3B-18 Table 3.6-2 (Sheet 1 of 4 and Sheet 4 of 4) 3B-2	3.6-30 3.6-31 3B-8 through 3B10 3.6-46 3B-39 3.6-42 and 3.6-45 3B-21	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update the description related to the seismic and structure.
MIC-03-03-00056	Table 10.3.2-3 Table 10.3.2-4 Table 10.3.2-5	10.3-28 10.3-30 10.3-32	Updated Seismic Closure Plan (Transmittal Letter UAP-HF-13034 Dated Feb 15, 2013)	Update the description related to the seismic and structure.

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)

Contents of CD1

File Name	Size	Sensitivity Level
Tier1_NonPub.pdf	627KB	SRI-Included
Ch01_NonPub.pdf	114KB	SRI-Included
Ch03_NonPub.pdf	265KB	SRI-Included
CH10_NonPub.pdf	70KB	SRI-Included

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

Contents of CD2

File Name	Size	Sensitivity Level
Tier1_Pub.pdf	271KB	SRI-Excluded
Ch01_Pub.pdf	114KB	SRI-Excluded
Ch03_Pub.pdf	234KB	SRI-Excluded
CH10_Pub.pdf	70KB	SRI-Excluded