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TOKYO, JAPAN

January 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-13018

Subject: Submittal of the US-APWR DCD Revision 3 Tracking Report Revision 3

References: 1) "US-APWR DCD Revision 3 Tracking Report Revision 0" dated August 14, 2011 (ML11229A193)
2) "US-APWR DCD Revision 3 Tracking Report Revision 1" dated December 28, 2011 (ML12030A170)
3) "US-APWR DCD Revision 3 Tracking Report Revision 2" dated April 6, 2012 (ML12103A261)

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the technical report "US-APWR DCD Revision 3 Tracking Report, Revision 3."

This report includes a table that identifies the impact of each response to the Request for Additional Information ("RAI") relative to the Design Control Document ("DCD") Revision 3 of US-APWR. This table denotes the RAI responses which have been submitted from March 17, 2012 through December 21, 2012 that have been incorporated into this Tracking Report using red text.

This report also includes a change list and markups for each Chapter in the US-APWR DCD Revision 3. The change list identifies the changes impacted by the responses to RAIs, and other updates which have been previously informed and accepted by the NRC. The report also includes DCD markups, but does not include the markups for RAI responses already formally submitted.

The report is being submitted electronically on compact disc ("CD").

This Tracking Report includes the following information:

1. RAI responses that were submitted from March 17, 2012 through December 21, 2012.
2. GSI-191 markups that were submitted by MHI Ref. UAP-HF-12135 and UAP-HF-12239. "GSI-191" is identified for each item in the column titled "Reason for Change"
3. Revised description and addition of details to match the contents of the HSI technical reports
4. Editorial corrections in Chapter 11 and Tier 1.
5. Revision of temperature gradients for the R/B, PCCV and PS/B
6. Revision of the environmental profile for the SG Compartment and Reactor Cavity

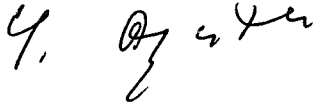
DOB1
LRO

Due to the number of changes resulting from the ITAAC Inspectability RAI responses, the markup of the whole Tier 1 document is also enclosed in this transmittal letter, per NRC Request. This document is also being submitted electronically on compact disc ("CD").

Tracking Report is being submitted in two versions. One version (Enclosure 1) 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 second version (Enclosure 2) omits the SRI and is suitable for public disclosure. In the public version, the SRI is replaced by the designation "[Security-Related Information - Withheld under 10 CFR 2.390]."

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,



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

Enclosures:

1. CD 1: MUAP-11021 Revision 3 : "US-APWR DCD Revision 3 Tracking Report, Revision 3"
- Version Containing Security Related Information.
2. CD 2: MUAP-11021 Revision 3 : "US-APWR DCD Revision 3 Tracking Report, Revision 3"
- Version **Not** Containing Security Related Information.
3. CD 3: MARKUP OF TIER 1 US-APWR DCD Revision 3
- Version Containing Security Related Information.

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

CC: J. A. Ciocco
J. Tapia

Contact Information

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ATTACHMENT 1

FILES CONTAINED ON CD

CD 1: MUAP-11021 Revision 3 : "US-APWR DCD Revision 3 Tracking Report, Revision 3"
- Version Containing Security Related Information

Contents of CD

<u>File Name</u>	<u>Size</u>	<u>Sensitivity Level</u>
DCD_Rev.3_Tracking_Report_R3-SRI.pdf	2,791KB	SRI Included

CD 2: MUAP-11021 Revision 3 : "US-APWR DCD Revision 3 Tracking Report, Revision 3"
- Version **NOT** Containing Security Related Information

Contents of CD

<u>File Name</u>	<u>Size</u>	<u>Sensitivity Level</u>
DCD_Rev.3_Tracking_Report_R3-NON_SRI.pdf	2,387KB	SRI NOT Included

CD 3: "MARKUP OF TIER 1 US-APWR DCD Revision 3"
- Version Containing Security Related Information

Contents of CD

<u>File Name</u>	<u>Size</u>	<u>Sensitivity Level</u>
MARK UP of Tier 1 US-APWR DCD R3-SRI.pdf	5,682KB	SRI Included