

16-5, KONAN 2-CHOME, MINATO-KU TOKYO, JAPAN

February 8, 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-11026

Subject:

Transmittal of the Technical Reports "Seismic Design Bases of the US-APWR Standard Plant" (MUAP-10001) and "Soil-Structure Interaction Analyses and Results for the US-APWR Standard Plant" (MUAP-10006)

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the technical reports "Seismic Design Bases of the US-APWR Standard Plant" (MUAP-10001), Revision 2, and "Soil-Structure Interaction Analyses and Results for the US-APWR Standard Plant" (MUAP-10006), Revision 1.

These Reports supplement the materials provided in the "Design Control Document for the US-APWR" ("DCD"). The Reports are being submitted electronically in compact discs (CDs).

In addition, two other technical reports, "Enhanced Information for PS/B Design" (MUAP-08002), and "Dynamic Analysis of the Coupled RCL-R/B-PCCV-CIS Lumped Mass Stick Model" (MUAP-08005) are included in this transmittal. MUAP-08002 is revised to reflect that it is superseded in its entirety by MUAP-10001, Revision 2. MUAP-08005 is revised to reflect that it is superseded in its entirety by MUAP-10001, Revision 2, and MUAP-10006, Revision 1.

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,

Yoshiki Ogata,

General Manager- APWR Promoting Department

Mitsubishi Heavy Industries, LTD.

Atoushi Kumaki for

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Enclosures:

1. CD: "MUAP-10001, MUAP-10006, MUAP-08002 & MUAP-08005"

The files contained in CDs are listed in Attachment 1 hereto.

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

Contact Information

C. Keith Paulson, Senior Technical Manager Mitsubishi Nuclear Energy Systems, Inc. 300 Oxford Drive, Suite 301 Monroeville, PA 15146 E-mail: ck_paulson@mnes-us.com Telephone: (412) 373-6466

ATTACHMENT 1

FILES CONTAINED IN CDs

CD 1: "MUAP-10001, MUAP-10006" (Non-Public Version)

Contents of CD

File Name	<u>Size</u>	Sensitivity Level
MUAP-10001(R2) Non-Public_1.pdf	43.8MB	SRI-Included
MUAP-10001(R2) _Non-Public_2.pdf	42.7MB	SRI-Included
MUAP-10001(R2) Non-Public_3.pdf	43.6MB	SRI-Included
MUAP-10001(R2) Non-Public_4.pdf	40.0MB	SRI-Included
MUAP-10006(R1) Non-Public.pdf	11.8 M B	SRI-Included

CD 2: "MUAP-10001, MUAP-10006, MUAP-08002 & MUAP-08005" (Public Version)

Contents of CD

File Name	<u>Size</u>	Sensitivity Level
MUAP-10001(R2) _Public_1.pdf	43.7MB	SRI-Excluded
MUAP-10001(R2) _Public_2.pdf	22.4MB	SRI-Excluded
MUAP-10001(R2) _Public_3.pdf	43.6MB	SRI-Excluded
MUAP-10001(R2) _Public_4.pdf	40.0MB	SRI-Excluded
MUAP-10006(R1) _Public.pdf	11.3MB	SRI-Excluded
MUAP-08002(R1).pdf	199kB	No SRI
MUAP-08005(R1).pdf	216kMB	No SRI