

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

June 10, 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-11179

Subject: Transmittal of the Technical Reports "Seismic Design Bases of the

US-APWR Standard Plant" (MUAP-10001)

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the technical report "Seismic Design Bases of the US-APWR Standard Plant" (MUAP-10001), Revision 3.

The purpose of the revision is primarily to represent the change in methodology of soil-structure interaction analysis from the lumped mass stick model to the finite element model for the R/B complex structures.

This Report supplements the materials provided in the "Design Control Document for the US-APWR" ("DCD"). The Report is being submitted electronically in compact discs (CDs).

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

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Mitsubishi Heavy Industries, LTD.

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Enclosures:

1. CD: "Seismic Design Bases of the US-APWR Standard Plant" (Non-Public Version & Public Version)

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

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

Contact Information

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ATTACHMENT 1

FILES CONTAINED IN CDs

CD 1: "Seismic Design Bases of the US-APWR Standard Plant"

Contents of CD

File Name	<u>Size</u>	Sensitivity Level
MUAP-10001(R3) _Non-Public_1.pdf	38.5MB	non-Proprietary
MUAP-10001(R3) Non-Public_2.pdf	41.8MB	non-Proprietary
MUAP-10001(R3) Non-Public_3.pdf	44.2MB	non-Proprietary
MUAP-10001(R3) Non-Public 4.pdf	44.9MB	non-Proprietary
MUAP-10001(R3) Non-Public_5.pdf	37.4MB	non-Proprietary
MUAP-10001(R3) Non-Public_6.pdf	26.0MB	non-Proprietary