MITSUBISHI HEAVY INDUSTRIES, LTD.
16-5, KONAN 2-CHOME, MINATO-KU
TOKYO, JAPAN

February 4, 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-11011

Subject: Transmittal of the Technical Report "Turbine Building Model Properties, SSI Analyses, and Structural Integrity Evaluation" (MUAP-11002), Revision 0

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the technical report "Turbine Building Model Properties, SSI Analyses, and Structural Integrity Evaluation" (MUAP-11002), Revision 0.

The purpose is the evaluation impact Seismic Category I structures by Turbine Building (T/B).

This Report supplements the material provided in the "Design Control Document for the US-APWR" ("DCD"). This Report is being submitted electronically in a compact disc (CD).

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,

Y. Ogata

Yoshiki Ogata,
General Manager- APWR Promoting Department
Mitsubishi Heavy Industries, LTD.

Enclosure:

1. CD: "Turbine Building Model Properties, SSI Analyses, and Structural Integrity Evaluation"

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

D081
NRO

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 CD 1

CD 1: "Turbine Building Model Properties, SSI Analyses, and Structural Integrity Evaluation"

Contents of CD

File Name	Size	Sensitivity Level
MUAP-11002_R0.pdf	10.3 MB	Non-Proprietary