

  
**MITSUBISHI HEAVY INDUSTRIES, LTD.**  
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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,



Yoshiaki 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.

DOB/  
NRC

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

Contact Information

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**ATTACHMENT 1**

**FILES CONTAINED IN CD 1**

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

**Contents of CD**

<b><u>File Name</u></b>	<b><u>Size</u></b>	<b><u>Sensitivity Level</u></b>
MUAP-11002_R0.pdf	10.3 MB	Non-Proprietary