


MITSUBISHI HEAVY INDUSTRIES, LTD.
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TOKYO, JAPAN

November 14, 2008

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-08261

Subject: Submittal of Mitigative Measures Evaluation for the US-APWR

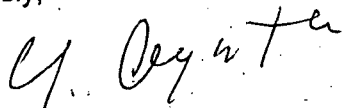
With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the Mitigative Measures Evaluation for the US-APWR. This report identifies design enhancements that will be implemented for the US-APWR standard plant and reference plant designs to assist in the event that a large area of the facility is lost due to fires or explosions (generally referred to as a B.5.b event). The design changes are intended to help reduce the operational burden of addressing a B.5.b event. The operational and programmatic aspects of responding to B.5.b events will be addressed by individual Combined Operating License holders prior to plant operation. The report is being submitted electronically in a compact disc (CD).

The Mitigative Measures Evaluation follows the general approach for evaluating mitigative measures that is currently being discussed between the NRC and the Nuclear Energy Institute Task Force on New Plant Security. MHI is closely following these discussions and will appropriately update the enclosed report to incorporate any necessary or appropriate changes based on these continuing discussions.

The enclosed report contains 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. Accordingly, each page of the report is marked as "Security-Related Information - Withhold Under 10 CFR 2.390."

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 below.

Sincerely,



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

DOSI
NRO

Enclosure:

1. CD 1: Mitigative Measures Evaluation for the US-APWR, MUAP-08010, November 2008

The file contained in CD is listed in Attachment 1 hereto.

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

Contact Information

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