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September 5, 2012

Mr. Yoshiki Ogata, General Manager
APWR Promoting Department
Mitsubishi Heavy Industries, Ltd.
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SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR
ADVANCED TOPICAL REPORT SAFETY EVALUATION FOR TOPICAL
REPORT MUAP-7010-P, REVISION 4, "NON-LOCA METHODOLOGY"

Dear Mr. Ogata:

The U.S. Nuclear Regulatory Commission (NRC) staff has prepared an advanced Topical Report Safety Evaluation (TRSE) for Topical Report MUAP-07010-P, Revision 4, "Non-LOCA Methodology." This is in support of the United States - Advanced Pressurized Water Reactor (US-APWR) design certification submitted by Mitsubishi Heavy Industries, Ltd. (MHI) on December 31, 2007.

The staff's advanced TRSE is being provided to the Advisory Committee on Reactor Safeguards (ACRS) subcommittee to support the upcoming meeting of the ACRS subcommittee, scheduled to be held in October, 2012.

The enclosed advanced TRSE is being provided only to MHI for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 "Public Inspections, Exemptions, Requests for Withholding." The NRC will withhold the enclosed TRSE from public disclosure for a total of 20 business days. This includes ten business days from the date of this letter to allow you the opportunity to review the staff's TRSE for proprietary content and ten business days for a check on factual errors. If within the 20 day period you do not request that all or portions of the TRSE be withheld from public disclosure, the enclosure will be made publically available through the NRC Public Document Room and the Publically Available Records component of the NRC's Agencywide Documents Access Management System (ADAMS) and placed on the public web page for this application.

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contains sensitive unclassified
information. When separated from the
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Y. Ogata

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If you have any questions or comments concerning this matter, I can be reached at (301) 415-6391 or via e-mail at Jeff.Ciocco@nrc.gov.

Sincerely,

/RA/

Jeffrey Ciocco, Sr. Project Manager
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-021

Enclosure:
As stated

cc w/o encl.: See next page

Y. Ogata

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