

December 9, 2011

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-7013-P, REVISION 2, "SMALL BREAK LOCA
METHODOLOGY FOR US-APWR"

Dear Mr. Ogata:

The U.S. Nuclear Regulatory Commission staff has prepared an advanced Topical Report Safety Evaluation (TRSE) for Topical Report MUAP-07013-P, Revision 2, "Small Break LOCA Methodology for US-APWR." This is in support of the United States-Advanced Pressurized Water Reactor (US-APWR) design certification (DC) 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 May, 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 NRC ADAMS and placed on the public web page for this application.

Document transmitted herewith
contains sensitive unclassified
information. When separated from the
enclosure, this document is
"DECONTROLLED."

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 address Jeff.Ciocco@nrc.gov.

Sincerely,

/RA/

Jeffrey Ciocco, Sr. Project Manager
US-APWR Projects Branch
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

- 2 -

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(Revised 11/16/2011)

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