

May 14, 2013

Mr. Yoshiki Ogata, General Manager
APWR Promoting Department
Mitsubishi Heavy Industries, Ltd.
16-5, Konan 2-Chome, Minato-Ku
Tokyo, 108-8215 Japan

SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR
FINAL 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 (NRC) staff has prepared a final Topical Report Safety Evaluation (TRSE) for Topical Report MUAP-07013-P, Revision 2, "Small Break LOCA Methodology for US-APWR." This action is supported by letter dated April 29, 2013 (Agencywide Documents Access and Management System accession number ML13105A219), whereby the Advisory Committee on Reactor Safeguards agrees with the NRC staff's conclusions, within the limits and conditions that are specified in the TRSE. This is also in support of the United States - Advanced Pressurized Water Reactor design certification submitted by Mitsubishi Heavy Industries, Ltd. (MHI) on December 31, 2007.

The staff requests that MHI publish the accepted proprietary and non-proprietary versions of this topical report within one month of receipt of this letter. The accepted versions of the topical report shall include an "-A" (designated accepted) following the report identification number, as well as incorporate this letter along with the enclosed final TRSE.

If the NRC's criteria or regulations change, so that its conclusion that the accepted topical report is invalidated, MHI and/or the applicant referencing the topical report will be expected to revise and resubmit its respective documentation, or submit justification for continued applicability of the topical report without revision of the respective documentation.

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 at Jeff.Ciocco@nrc.gov.

Sincerely,

/RA/

Jeffrey Ciocco, Senior 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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