



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 29, 2019

Mr. Yoshiki Ogata, General Manager
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SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR
DESIGN CERTIFICATION SAFETY EVALUATION WITH NO OPEN
ITEMS FOR CHAPTER 18, "HUMAN FACTORS ENGINEERING"

Dear Mr. Ogata:

The U.S. Nuclear Regulatory Commission (NRC) staff has prepared a safety evaluation (SE) with no open items for the United States – Advanced Pressurized Water Reactor design certification application (DCA) Chapter 18, "Human Factors Engineering." This is in support of the US-APWR DCA submitted by Mitsubishi Heavy Industries, Ltd. (MHI) on December 31, 2007.

The staff's SE 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 on September 19, 2019.

The enclosed SE is being provided 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. If within the 20-day period you do not request that all or portions of the SE 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 and Management System (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) 415-1494 or via e-mail address at George.Wunder@nrc.gov.

Sincerely,

/RA/

George F. Wunder, Senior Project Manager
Licensing Branch 3
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

Docket No.: 52-021

Enclosure:
As stated

cc w/o encl.: See next page

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