



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

June 24, 2020

Mr. Takayuki Mori, Engineering Manager
Global Nuclear Project Department
Mitsubishi Heavy Industries, Ltd.
1-1, Wadasaki-Cho 1-Chome
Hyogo-Ku
Kobe 652-8585 Japan

SUBJECT: FINAL SAFETY EVALUATION FOR UNITED STATES - ADVANCED
PRESSURIZED WATER REACTOR ADVANCED TOPICAL REPORT
SAFETY EVALUATION FOR TOPICAL REPORT MUAP-07001-NP,
REVISION 7, "THE ADVANCED ACCUMULATOR"

Dear Mr. Mori:

In a May 2018 submittal (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18178A258), Mitsubishi Heavy Industries, Ltd. (MHI), submitted Revision 7 to Topical Report MUAP-07001-NP, "The Advanced Accumulator." By letter dated July 29, 2019 (ADAMS Accession No. ML19154A122), the U.S. Nuclear Regulatory Commission (NRC) staff sent you a safety evaluation (SE) with no open items for Topical Report MUAP-07001-NP, Revision 7. The proprietary version of this SE was sent to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee in advance of a September 19, 2019, meeting.

Following the September 19, 2019, Subcommittee meeting, the ACRS Full Committee meeting discussed the SE for this topical report in their November 6 - 8, 2019, meeting and found the NRC staff's safety findings to be acceptable. Subsequent to the ACRS Full Committee meeting, the ACRS issued a letter dated November 26, 2019 (ADAMS Accession No. ML19331A036), in which they recommended, in part, that the NRC staff issue the SE.

In accordance with the guidance provided on the NRC's TR Web site (<http://www.nrc.gov/about-nrc/regulatory/licensing/topical-reports.html>), the staff requests that MHI publish an accepted version of this TR within three months of receipt of this letter. The accepted version shall incorporate this letter and the enclosed SE between the title page and the abstract. It must be well indexed such that information is readily located. Also, it must contain in its appendices historical review information such as questions and accepted responses as well as original report pages that were replaced. The accepted version shall include an "-A" (designated accepted) following the report identification symbol.

If the NRC's criteria or regulations change so that its conclusion in this letter (that the TR is acceptable) is invalidated, MHI and/or the applicant referencing the TR will be expected to revise and resubmit its respective documentation or submit justification for the continued applicability of the TR without revision of the respective documentation.

Should you have any questions, please do not hesitate to call. I can be reached at 1+301-415-1494 or via electronic mail at George.Wunder@nrc.gov.

Sincerely,

/RA/

George F. Wunder, Senior Project Manager
New Reactor Licencing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket No.: 52-021

Enclosure:
As stated

cc w/o encl.: See next page

SUBJECT: FINAL SAFETY EVALUATION FOR UNITED STATES - ADVANCED
PRESSURIZED WATER REACTOR ADVANCED TOPICAL REPORT SAFETY
EVALUATION FOR TOPICAL REPORT MUAP-07001, REVISION 7, "THE
ADVANCED ACCUMULATOR" DATED: JUNE 24, 2020

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ADAMS Accession Nos.:**PKG: ML20055F683****LETTER: ML20055F976****SER: ML20055F978*****via e-mail****NRR-106**

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