

March 22, 2011

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards

FROM: David B. Matthews, Director */RA Frank Akstulewicz for/*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR
DESIGN CERTIFICATION APPLICATION - SAFETY EVALUATION
WITH OPEN ITEMS FOR CHAPTER 12, "RADIATION PROTECTION"

By letter dated December 31, 2007, as supplemented by letters dated March 27, 2008, and April 16, 2008, Mitsubishi Heavy Industries, Ltd. (MHI) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a standard Design Certification of the United States - Advanced Pressurized Water Reactor.

Based on our review of the application, the NRC staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE), with Open Items for Chapter 12, "Radiation Protection" (ML110770408). Unless otherwise stated in the SE, the NRC staff's review was based on Revision 2 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for April 22, 2011. The ACRS Full Committee meeting will be held after the subcommittee meeting.

For Chapter 12, the NRC staff plans on focusing their presentation on the following specific categories of interest:

- The NRC staff has reviewed the safety evaluation and found no topics that meet the categories of interest that ACRS members would like to review in detail.

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The NRC staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC staff will withhold the SE from public disclosure for ten business days to allow MHI the opportunity to verify the NRC staff's conclusion that the SE contains no such exempt information. Therefore, the NRC staff requests that the ACRS withhold the SE from public disclosure until it has been released publicly in the Agencywide Documents Access and Management System (ADAMS).

The NRC staff will inform the ACRS immediately if MHI requests that any of the information in the SE be withheld from public disclosure.

Docket No. 52-021

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The NRC staff will inform the ACRS immediately if MHI requests that any of the information in the SE be withheld from public disclosure.

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