

January 14, 2008

Mr. Masahiko Kaneda, General Manager  
APWR Promoting Department  
Mitsubishi Heavy Industries, Ltd.  
16-5, Konan 2-Chome, Minato-Ku  
Tokyo, 108-8215 JAPAN

SUBJECT: MITSUBISHI HEAVY INDUSTRIES, LTD. - ACKNOWLEDGMENT  
OF RECEIPT OF THE STANDARD DESIGN CERTIFICATION OF  
THE US-APWR APPLICATION, AND ASSOCIATED FEDERAL  
REGISTER NOTICE

Dear Mr. Kaneda:

We have received your application for standard design certification of the US-APWR, dated December 31, 2007, which was submitted pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52. The staff is considering the acceptability of the tendered application for docketing. The tendered application's acceptability and other matters will be the subject of subsequent *Federal Register* notices.

The enclosed *Federal Register* Notice will be forwarded to the *Federal Register* for publication.

If you have any questions, please contact me at [jac3@nrc.gov](mailto:jac3@nrc.gov) or (301) 415-6391.

Sincerely,

**/RA/**

Jeffrey A. Ciocco, Sr. Project Manager  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Project No. 751

Enclosure:  
Federal Register Notice

cc w/encl: See next page

Mr. Masahiko Kaneda, General Manager  
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Mitsubishi Heavy Industries, Ltd.  
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(Revised 1/3/08)

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UNITED STATES NUCLEAR REGULATORY COMMISSION

MITSUBISHI HEAVY INDUSTRIES, LTD.

NOTICE OF RECEIPT OF APPLICATION FOR

DESIGN CERTIFICATION OF THE US-APWR

Notice is hereby given that the Nuclear Regulatory Commission (NRC, the Commission) has received an application from Mitsubishi Heavy Industries (MHI), Ltd. Dated, December 31, 2007, filed pursuant to Section 103 of the Atomic Energy Act and Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, for standard design certification of the US-APWR Standard Plant Design.

The US-APWR design is an approximately 1,700 megawatts electric, four-loop, advanced pressurized water reactor (APWR). MHI developed the US-APWR based on technologies for a 1,538 megawatts electric APWR planned for use in Japan. The US-APWR is based on the latest technologies to improve plant efficiency, reduce plant building volume, and provide a 24-month fuel cycle. The US-APWR application includes the entire power generation complex, except those elements and features considered site-specific. The acceptability of the tendered application for docketing and other matters relating to the requested rulemaking pursuant to 10 CFR 52.51 for design certification, including provisions for participation of the public and other parties, will be the subject of subsequent *Federal Register* notices.

A copy of the application will be available for public inspection at the Commission's Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible from the Agencywide Documents Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>. The accession

number for the application is ML080020070. Future publicly available documents related to the application will also be posted in ADAMS. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC Public Document Room Reference staff by telephone at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 14 day of January 2008.

FOR THE NUCLEAR REGULATORY COMMISSION

***/RA/***

Jeffrey A. Ciocco, Sr. Project Manager  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors