

16-5, KONAN 2-CHOME, MINATO-KU TOKYO, JAPAN

December 15, 2009

Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

Attention: Mr. Jeffrey A. Ciocco

Docket No. 52-021 MHI Ref: UAP-HF-09561

Subject: Second amended MHI's Response to US-APWR DCD RAI No.264

References: 1) "Request for Additional Information No. 264 Revision 0, SRP Section: 05.02.01.01 - Compliance with the Codes and Standards Rule, 10 CFR 50.55A," dated March, 09, 2009

2) "MHI's Response to US-APWR DCD RAI No.264 Revision 0, UAP-HF-09159", dated March, 9, 2009

3) "Amended MHI's Response to US-APWR DCD RAI No.264 Revision 0, UAP-HF-09478", dated October 2, 2009

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") a document entitled "Second amended Response to Request for Additional Information No.264 Revision 0."

Enclosed is the second amended response to the Question No.05.02.01.01-1 of the RAI (Reference 1).

This response amends the previously transmitted answers submitted under MHI Reference UAP-HF-09478 on October 02, 2009 (Reference 3) in order to correct the typographical error.

Please contact Dr. C. Keith Paulson, Senior Technical Manager, Mitsubishi Nuclear Energy Systems, Inc. if the NRC has questions concerning any aspect of the submittals. His contact information is below.

Sincerely,

Yoshiki Ogata,

General Manager- APWR Promoting Department

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Mitsubishi Heavy Industries, LTD.

Enclosure:

1. Amended Response to Request for Additional Information No.264 Revision 0

CC: J. A. Ciocco

C. K. Paulson

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<u>Contact Information</u>
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Docket No. 52-021 MHI Ref: UAP-HF-09561

Enclosure 1

UAP-HF-09561 Docket No. 52-021

Second amended Response to Request for Additional Information No.264 Revision 0

December 2009

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

12/15/2009

US-APWR Design Certification Mitsubishi Heavy Industries Docket No. 52-021

RAI NO.:

NO.264-2062 REVISION 0

SRP SECTION:

5.2.1.1 COMPLIANCE WITH THE CODES AND

STANDARDS RULE, 10 CFR 50.55A

APPLICATION SECTION: 05.02.01.01 COMPLIANCE WITH 10 CFR 50, SECTION 50.55A

DATE OF RAI ISSUE:

3/09/2009

QUESTION NO.: 05.02.01.01-1

Section 5.2.1.1, "Compliance with 10 CFR 50, Section 50.55a," in the USAPWR Design Control Document (DCD) Tier 2 states that the applicable edition and addenda of the ASME Code applied in the design of each Class 1 component for the USAPWR are listed in Table 5.2.1-1, "Applicable Code Addenda for RCS Class 1 Components."

USAPWR DCD Tier 2, Section 5.2.1.1 then states that the use of Code editions and addenda issued and endorsed by the NRC subsequent to the USAPWR Design Certification is permitted. Any proposed change by the Combined License (COL) applicant in the use of the ASME Code editions or addenda specified as the Code of record for the USAPWR Design Certification will require NRC approval prior to implementation. The NRC staff requests that Mitsubishi clarify the USAPWR DCD regarding the need for the COL applicant to obtain NRC approval for the use of ASME Code editions or addenda other than the code of record in the USAPWR DCD.

ANSWER:

MHI understand the need for COL applicant to obtain NRC approval for the use of ASME Code editions or addenda other than the code of record in the US-APWR DCD. The description to require NRC approval will be added in DCD.

Impact on DCD

The DCD will be changed to add sentence such as the followings after the second sentence of the second paragraph of Subsection 5.2.1.1:

"Any proposed changes by the COL applicant in the use of the ASME Code editions or addenda specified in the US-APWR DCD will require NRC approval prior to implementation."

The DCD will also be changed to add COL 5.2(11) to Subsection 5.2.6 "Combined License Information," COL 5.2(11) will state as the attached mark-up.

Impact on COLA

COL applicant is required to address whether-the ASME Code editions or addenda other than those specified in Table 5.2.1-1 or 10 CFR 10 CFR 50.55a is will be used.

Impact on PRA

There is no impact on the PRA

This completes MHI's response to the NRC's question.

COL 5.2(11) ASME Code Edition and Addenda

The COL applicant addresses whether the ASME Code editions or addenda other than those specified in Table 5.2.1-1 or 10 CFR 10 CFR 50.55a is will be used.