


MITSUBISHI HEAVY INDUSTRIES, LTD.
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TOKYO, JAPAN

October 2, 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-09478

Subject: 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 April, 06, 2009"

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

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

This response amend the previously transmitted answers submitted under MHI Reference UAP-HF-09159 on April 06, 2009 (Reference 2) in order to correct description of Impact on DCD and COLA.

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,

Y. Ogata

Yoshiki Ogata,
General Manager- APWR Promoting Department
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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NRO

Contact Information

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Docket No. 52-021
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Enclosure 1

UAP-HF-09478
Docket No. 52-021

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

October 2009

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

10/2/2009

**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

5.2.1.1-1

There is no impact on the COLA. COL applicant is required to address whether the ASME Code editions or addenda other than specified in Table 5.2.1-1 or 10 CFR 10 CFR 50.55a is used.

Impact on PRA

There is no impact on the PRA

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

Attachment-1

COL 5.2(11) ASME Code Edition and Addenda

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