


MITSUBISHI HEAVY INDUSTRIES, LTD.
16-5, KONAN 2-CHOME, MINATO-KU
TOKYO, JAPAN

April 6, 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-09159

Subject: MHI's Response to US-APWR DCD RAI No. 264-2062 REVISION 0

Reference: 1) "Request for Additional Information No. 264-2062 Revision 0, SRP Section: 05.02.01.01 – Compliance With the Codes and Standards Rule, 10 CFR 50.55a: Application Section 5.2.1.1" dated March 9, 2009.

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") a document entitled "Response to Request for Additional Information No. 264-2062 Revision 0."

Enclosed is the response to the RAI contained within Reference 1.

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. Response to Request for Additional Information No. 264-2062 Revision 0

CC: J. A. Ciocco
C. K. Paulson

Contact Information

C. Keith Paulson, Senior Technical Manager
Mitsubishi Nuclear Energy Systems, Inc.
300 Oxford Drive, Suite 301
Monroeville, PA 15146
E-mail: ck_paulson@mnes-us.com
Telephone: (412) 373-6466

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NRC*

Docket No. 52-021
MHI Ref: UAP-HF-09159

Enclosure 1

UAP-HF-09159
Docket Number 52-021

Response to Request for Additional Information
No. 264-2062 Revision 0

April 2009

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

04/06/2009

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."

Impact on COLA

There is no impact on the COLA

Impact on PRA

There is no impact on the PRA

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