


MITSUBISHI HEAVY INDUSTRIES, LTD.
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TOKYO, JAPAN

September 11, 2013

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

Attention: Mr. Perry Buckberg

Docket No. 52-021
MHI Ref: UAP-HF-13223

Subject: MHI's Amended Response to US-APWR DCD RAI No. 568-4588 Revision 1 (SRP 07.05)

- Reference:**
- 1) "Request for Additional Information No. 568-4588 Revision 1, SRP Section 07.05 – Information Systems Important to Safety - Application Section: 07.05," dated April 13, 2010. (ML101040078)
 - 2) MHI Letter UAP-HF-10124, "MHI's Response to US-APWR DCD RAI No. 568-4588 Revision 1," dated April 28, 2010. (ML101241017)
 - 3) MHI Letter UAP-HF-11127, "MHI's Responses to US-APWR DCD RAI for Chapter 7 and mark up of Chapter 7 on Revision 3," dated April 28, 2011. (ML11129A174)
 - 4) "AUDIT PLAN FOR DIGITAL INSTRUMENTATION AND CONTROLS DESIGN US-APWR DESIGN CERTIFICATION DOCUMENT CHAPTER 7," dated February 10, 2012. (ML120330634)

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. 568-4588 Revision 1."

Enclosed is the amended response to a question contained within Reference 1. This response is included on a compact disc (CD). Attachment-1 is a listing of the files contained in Enclosure 1.

MHI amends the previous responses to RAI No. 568-4588 (References 2 and 3) based on the discussion with the NRC staff during the audit on February 13-15, 2012 (Reference 4), the conference call on January 24, 2013, and the public meeting on 7/25/2013.

Please contact Mr. Joseph Tapia, General Manager of Licensing Department, Mitsubishi Nuclear Energy Systems, Inc. if the NRC has questions concerning any aspect of this submittal. His contact information is provided below.

DOB/
NRC

Sincerely,



Yoshiaki Ogata,
Executive Vice President
Mitsubishi Nuclear Energy Systems, Inc.
On behalf of Mitsubishi Heavy Industries, Ltd.

Enclosure:

1. CD1: Amended Response to Request for Additional Information No. 568-4588 Revision 1

CC: P. Buckberg
J. Tapia

Contact Information

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ATTACHMENT-1

FILES CONTAINED IN CD1

CD1: Amended Response to Request for Additional Information No. 568-4588 Revision 1

Contents of CD1

<u>File Name</u>	<u>Size</u>	<u>Sensitivity Level</u>
Response to RAI 568-4588.pdf	308KB	Non-Proprietary
Attachment-1 to RAI 568-4588.pdf	1.18MB	Non-Proprietary
Attachment-2 to RAI 568-4588.pdf	1.10MB	Non-Proprietary