

  
**MITSUBISHI HEAVY INDUSTRIES, LTD.**  
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TOKYO, JAPAN

June 11, 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-09310

**Subject: MHI's Responses to US-APWR DCD RAI No. 347-2650**

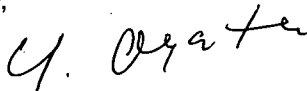
**Reference:** 1) "Request for Additional Information No. 347-2650, SRP Section: 06.02.07 –  
Containment Pressure Boundary

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") a document entitled "Responses to Request for Additional Information No. 347-2650".

Enclosed are the responses to Questions 06.02.07-1.

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,



Yoshiki Ogata,  
General Manager- APWR Promoting Department  
Mitsubishi Heavy Industries, LTD.

Enclosure:

1. Responses to Request for Additional Information No. 347-2650

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

Contact Information

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Docket No. 52-021  
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Enclosure 1

UAP-HF-09310  
Docket No. 52-021

Responses to Request for Additional Information No. 347-2650

June 2009

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**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

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06/11/2009

**US-APWR Design Certification**

**Mitsubishi Heavy Industries**

**Docket No. 52-021**

**RAI NO.: NO. 347-2650**

**SRP SECTION: SRP SECTION: 06.02.07 – CONTAINMENT PRESSURE  
BOUNDARY**

**APPLICATION SECTION: DCD SECTION: 6.2.7 CONTAINMENT PRESSURE BOUNDARY**

**DATE OF RAI ISSUE: 04/28/2009**

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**QUESTION NO.: 06.02.07-1**

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This question relates to Section 3.8.1 which interfaces with Section 6.2.7 per SRP 6.2.7.

In Section 3.8.1 under "Liner Plate" (page 3.8-24) is the following statement: "It is the responsibility of the COL applicant to produce a site-specific specification to define the material and welding requirements, testing and quality requirements." However, Section 6.2.7 makes no mention of any COL action items.

(1) Why should the specifications be site-specific?

(2) Shouldn't this information be standardized for all COLs referencing the US-APWR certified design?

Please address the need to revised this statement and/or provide a COL information item.

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**ANSWER:**

The description about a site specific liner plate specification (page 3.8-24) and the corresponding COL Item 3.8(8) in DCD Subsection 3.8.6 will be deleted in the future DCD revisions. Please see the transmittal UAP-HF-08259 "Transmittal of COL Information Update for US-APWR Design Control Document Revision 1".

**Impact on DCD**

Please see the transmittal UAP-HF-08259 "Transmittal of COL Information Update for US-APWR Design Control Document Revision 1".

**Impact on COLA**

There is an impact on the COLA to incorporate the DCD change.

**Impact on PRA**

There is no impact on the PRA.