

## US-APWRRRAIsPEm Resource

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**From:** Ciocco, Jeff  
**Sent:** Monday, March 04, 2013 10:49 AM  
**To:** us-apwr-rai@mhi.co.jp; US-APWRRRAIsPEm Resource  
**Cc:** Bongarra, James; Junge, Michael; Ward, William; Hamzehee, Hossein  
**Subject:** US-APWR Design Certification Application RAI 1008-7008 (18)  
**Attachments:** US-APWR DC RAI 1008 COLP 7008.pdf

MHI,

The attachment contains the subject request for additional information (RAI). This RAI was sent to you in draft form. Your licensing review schedule assumes technically correct and complete responses within 30 days of receipt of RAIs. However, MHI is currently working to provide the NRC with a schedule of ongoing HFE work. The schedule will include dates for the submission of this RAI response. We will adjust the schedule accordingly.

Please submit your RAI response to the NRC Document Control Desk.

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**Received Date:** 3/4/2013 10:48:51 AM  
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MESSAGE	677	3/4/2013 10:48:51 AM
US-APWR DC RAI 1008 COLP	7008.pdf	59544
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# REQUEST FOR ADDITIONAL INFORMATION 1008-7008

Issue Date: 3/4/2013

Application Title: US-APWR Design Certification - Docket Number 52-021

Operating Company: Mitsubishi Heavy Industries

Docket No. 52-021

Review Section: 18 - Human Factors Engineering  
Application Section:

## QUESTIONS

18-252

Please see proposed DCD-Rev 4 (Redline/Strikeout version provided after the September 6, 2012 public meeting)

There are terminology inconsistencies in the usage of "Japanese Basic HSIS Design" vs "Standard Japanese Basic HSIS Design." Which is the correct term? Please resolve the inconsistency.

### "Japanese Basic HSIS Design"

P. 18.1-3, section 18.1.1.1, 2nd paragraph

P. 18.2-2, section 18.2.2.2, 2nd paragraph

P. 18.7-8, section 18.7.2.6, 1st paragraph on page 18.7-9

P. 18.8-1, section 18.8.2, 2nd paragraph (being deleted as part of MIC-03-18-0-0002, which eliminates ch 13/18 circular references regarding procedure and training development per 11/12/2012 DCD markup?)

### "Standard Japanese Basic HSIS Design"

P. 18.2-2, section 18.2.2.2, 4th paragraph

P. 18.2-3, section 18.2.2.2, 1st paragraph on page 18.2-3

18-253

Please see proposed DCD-Rev 4 (Redline/Strikeout version provided after the September 6, 2012 public meeting)

On page 18.2-6, section 18.2.5, References, states: "18.2-3 Human System Interface Verification and Validation (Phase 1a), MUAP-08014-P (Proprietary) and MUAP-08014-NP (Non-Proprietary), Revision 0, December 2008." This reference is outdated. There is a later version, Revision 1, dated May 1, 2011. Please correct this discrepancy.

18-254

Please see proposed DCD-Rev 4 (Redline/Strikeout version provided after the September 6, 2012 public meeting).

On page 18.2-8, it includes "Table 18.2-1 Examples of Issues and Resolutions from US-APWR OER Report." However, the reference to this table in section 18.2.3, page 18.2-5 is proposed to be deleted. Please resolve this discrepancy.

