

US-APWRRAlSPeM Resource

From: Ciocco, Jeff
Sent: Tuesday, May 29, 2012 1:04 PM
To: us-apwr-rai@mhi.co.jp; US-APWRRAlSPeM Resource
Cc: Welch, Christopher; Kowal, Mark; Otto, Ngola; Thomas, Vaughn; Shams, Mohamed; Hamzehee, Hossein
Subject: US-APWR Design Certification Application RAI 934-6458 (14.3.2, Tier 1, 2.2)
Attachments: image001.jpg; US-APWR DC RAI 934 CITB 6458.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.

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

Thank you,

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REQUEST FOR ADDITIONAL INFORMATION 934-6458 REVISION 3

5/29/2012

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 14.03.02 - Structural and Systems Engineering - Inspections, Tests, Analyses, and Acceptance Criteria

Application Section: Tier 1 Section 2.2

QUESTIONS for ITAAC Branch (CITB)

14.03.02-20

In Tier 1 DCD Revision 3, Table 2.2-4, ITAAC 1, the term "structural configurations is undefined. The defined term "physical arrangement" should replace the undefined term in the ITAAC's DC/ITA/AC.

14.03.02-21

In Tier 1 DCD Revision 3, Table 2.2-4, ITAAC 1, the second part of the ITAAC (i.e. verification of wall thickness) should be separate and clearly delineated in the DC/ITA/AC, perhaps as a new and separate ITAAC.

14.03.02-22

In Tier 1 DCD Revision 3, Table 2.2-4, ITAACs 5 & 6, both ITAAC should include "Inspection" in the ITA, such as "Inspection and analysis will be performed...".

14.03.02-23

In Tier 1 DCD Revision 3, Table 2.2-4, ITAAC 14 references the "design basis flood level," while ITAAC 13 only references the "flood level". Should both ITAAC reference the same site specific "design basis flood"? Specify the required flood level.

14.03.02-24

In Tier 1 DCD Revision 3, Table 2.2-4, ITAAC 17, the "and" in the 3rd line from the bottom of the Acceptance Criteria should be deleted so it will just be "to preserve...".