

## US-APWRRAlsPEm Resource

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**From:** Ciocco, Jeff  
**Sent:** Tuesday, June 19, 2012 10:12 AM  
**To:** us-apwr-rai@mhi.co.jp; US-APWRRAlsPEm Resource  
**Cc:** Otto, Ngola; Hamzehee, Hossein; Zhao, Jack; Jackson, Terry; Robinson, Edward; Kallan, Paul; Ward, William; Takacs, Michael  
**Subject:** US-APWR Design Certification Application RAI 944-6516 (1.5)  
**Attachments:** US-APWR DC RAI 944 NMIP 6516.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,

Jeff Ciocco  
US-APWR Projects  
New Nuclear Reactor Licensing  
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**Hearing Identifier:** Mitsubishi\_USAPWR\_DCD\_eRAI\_Public  
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**Subject:** US-APWR Design Certification Application RAI 944-6516 (1.5)  
**Sent Date:** 6/19/2012 10:12:09 AM  
**Received Date:** 6/19/2012 10:12:12 AM  
**From:** Ciocco, Jeff

**Created By:** Jeff.Ciocco@nrc.gov

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**Post Office:** HQCLSTR01.nrc.gov

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MESSAGE	496	6/19/2012 10:12:12 AM
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**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

# REQUEST FOR ADDITIONAL INFORMATION 644-6516 REVISION 3

6/19/2012

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 01.05 - Other Regulatory Considerations

Application Section: Various DCD Sections

QUESTIONS for USAPWR Projects Branch (NMIP)

01.05-1

By letter dated May 3, 2012, the NRC staff informed you that the NRC staff has been directed by the Commission to implement the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami" dated February 17, 2012. This request for additional information (RAI) specifically addresses Recommendation 7.1, "Reliable Spent Fuel Pool Instrumentation." The NRC staff requests that you address each of the provisions for monitoring key spent fuel pool parameters as described in Enclosure 6 of SECY-12-0025, including any proposals for changes to your current application.

In the May 3, 2012 letter to you, the NRC staff also informed you that the NRC staff would be sending you specific questions regarding the above recommendation through the established RAI process for your design center. In order to minimize delays to the current licensing schedule, we request that you respond to all Fukushima-related RAIs within 60-days of receipt of the RAIs or provide a schedule for your response within 30-days.

01.05-2

By letter dated May 3, 2012, the NRC staff informed you that the NRC staff has been directed by the Commission to implement the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami" dated February 17, 2012. This request for additional information (RAI) specifically addresses Recommendation 9.3, "provisions for enhancing emergency preparedness." The NRC staff requests that you address each of the provisions for enhancing emergency preparedness as described in Enclosure 7 of SECY-12-0025, including any proposals for changes to your current application.

In the May 3, 2012 letter to you, the NRC staff also informed you that the NRC staff would be sending you specific questions regarding the above recommendation through the established RAI process for your design center. In order to minimize delays to the current licensing schedule, we request that you respond to all Fukushima-related RAIs within 60-days of receipt of the RAIs or provide a schedule for your response within 30-days.

