

Jeff Ciocco

From: Jeff Ciocco
Sent: Wednesday, August 27, 2008 12:14 PM
To: us-apwr-rai@mhi.co.jp
Cc: Joseph Hoch; Charles Cox; Michael Takacs; Larry Burkhart
Subject: US-APWR Design Certification Application RAI 59-1086
Attachments: US-APWR DC RAI 59 RSAC 1086.pdf

MHI,

Attached please find the subject request for additional information (RAI). This RAI was sent to you in draft form. The schedule we established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. Please submit your RAI response to the NRC Document Control Desk.

Thanks,

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REQUEST FOR ADDITIONAL INFORMATION NO. 59-1086 REVISION 0

8/27/2008

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 02.03.01 - Regional Climatology

Application Section: 2.3.1

RSAC Branch

QUESTIONS

02.03.01-16

Specify and identify the normal and extreme liquid and frozen precipitation events used in the design of the roofs of safety related structures in accordance with the Proposed Interim Staff Guidance (ISG) DC/COL-ISG-07, "Interim Staff Guidance on Assessment of Normal and Extreme Winter Precipitation Loads on the Roofs of Seismic Category I Structures." These events should be identified as site parameters in DCD Tier 1 Table 2.1-1 and Tier 2 Table 2.0-1. Provide a basis for the chosen site parameter values, including ensuring the postulated site parameter values are representative of a reasonable number of sites that have been or may be considered for a COL application. Also describe the design and analysis method used to accommodate the resulting loads.