RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

05/31/2013

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

RAI NO.:	**NO. 909-6315 REVISION 3**
SRP SECTION:	**03.07.02 - SEISMIC SYSTEM ANALYSIS**
APPLICATION SECTION:	**3.7.2**
DATE OF RAI ISSUE:	**03/05/2012**

QUESTION NO. 03.07.02-203:

In Section 7.0 of MUAP-11002(R1), "Turbine Building and Electrical Room Gap Evaluation," the third paragraph (Page 46) states, in part, "The maximum tilt slopes from settlement analysis of the T/B and Electrical Room are listed in Table 7-2."

In Table 7-2, the Applicant presents the data for the maximum construction tilt slope. It is 0.069 percent for the T/B and 0.269 percent for the Electrical Room. The Applicant is requested to check whether or not the values presented are correct. Also, the Applicant is requested to provide technical details that show how the maximum construction tilt slope and maximum operation tilt slope are estimated.

ANSWER:

This answer revises and replaces the previous MHI answer that was transmitted by UAP-HF-13060, dated March 26, 2013 (ML13106A229).

The design of the T/B and Electrical Room has been modified in accordance with the DCD Seismic Closure Plan (UAP-HF-13034, dated February 15, 2013, (ML13050A601)). Section 7.0 "Turbine Building and Electrical Room Gap Evaluation" has been removed from Technical Report MUAP-11002 Rev. 2. For the T/B and the Electrical Room, the tilt during operational life of the plant is calculated as [ ] in the worst case. The detailed description of settlement analysis is contained in a calculation available for audit.

Impact on DCD

There is no impact on the DCD.

Impact on R-COLA

There is no impact on the R-COLA.

Impact on PRA

There is no impact on the PRA.

Impact on Technical/Topical Report

There is no impact on a Technical/Topical Report.

This completes MHI’s response to the NRC’s question.