RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

03/22/2013

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

RAI NO.:	**NO. 767-5821 REVISION 3**
SRP SECTION:	**03.08.04 – Other Seismic Category I Structures**
APPLICATION SECTION:	**3.8.4**
DATE OF RAI ISSUE:	**06/09/2011**

QUESTION NO. 03.08.04-51:

In MUAP-11002 (R0), Subsection 7.3, “Turbine Building and Electrical Room Sliding and Overturning Analysis,” the second paragraph (page 26) states, “The resistance to sliding is provided by friction at the base and sides of the substructures.”
The applicant is requested to provide the numerical value used for the friction coefficient, and to provide justification for using that value.

ANSWER:

This answer revises and replaces the previous MHI answer that was transmitted by letter UAP-HF-11392, dated November 16, 2011 (ML11623A129).

The sliding analysis has been removed from MUAP-11002, Rev. 2, and relocated. Please refer to Subsection 4.4 of MUAP-12002, Rev. 1.

Impact on DCD

There is no impact on the DCD.

Impact on R-COLA

There is no impact on the R-COLA.

Impact on S-COLA

There is no impact on the S-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.