## **RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

#### 07/08/2013

US-APWR Design Certification Mitsubishi Heavy Industries Docket No. 52-021 NO. 342-2000 REVISION 0

RAI NO.:NO. 342-2000 REVISION 0SRP SECTION:03.08.04 – Other Seismic Category I StructuresAPPLICATION SECTION:3.8.4DATE OF RAI ISSUE:04/21/2009

## QUESTION NO. 03.08.04-13:

In DCD Subsection 3.8.4.4.1.1, it (Page 3.8-57) states that South interior wall of R/8 (Section 2) is one of the most highly stressed shear walls.

The applicant is requested to provide the following information:

- a. What is the load or load combination that causes the high stress?
- b. Is the south interior wall of R/8 the highest stressed shear wall? If not, which is the highest stressed shear wall?
- c. Has the stress exceeded the cracking stress of concrete in the highest stressed shear wall? If yes, was the model re-analyzed by using the cracked moment of inertia for that shear wall? If not, provide the reason for not doing it.

## ANSWER:

This response replaces the response that was transmitted on July 3, 2009 via MHI letter UAP-HF-09360 (ML 091900558). The answer to this question is provided in the Rev. 1 response to RAI 497-3734, Question 3.8.4-39.

#### 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 the Technical/Topical Report.

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