
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

08/01/2013

**US-APWR Design Certification
Mitsubishi Heavy Industries
Docket No. 52-021**

RAI NO.: NO. 1045-7141 REVISION 3
SRP SECTION: 03.08.05 – Foundations
APPLICATION SECTION: 3.8.5
DATE OF RAI ISSUE: 07/08/2013

QUESTION NO. 03.08.05-49:

On April 3, 2013, the applicant submitted a markup of DCD Tier 2 Section 3.8 to provide updated information related to a seismic design change.

The figure caption of Figure 3.8.5-5 shown in DCD Page 3.8-297 is "R/B, PCCV and Containment Internal Structure Basemat Foundation."

The staff notices that the basemat foundation shown in figure 3.8.5-5 is that of the R/B complex, which includes R/B [reactor building], PCCV [prestressed concrete containment vessel], CIS [containment internal structure], east and west PS/Bs [power source building], ESWPC [essential service water pipe chase] and the A/B [auxiliary building]. Therefore, the figure caption is incorrect. The applicant is requested to correct the figure caption.

ANSWER:

The caption for Figure 3.8.5-5 has been revised. See Attachment 1.

Impact on DCD

The caption of Figure 3.8.5-5 will be revised as shown in Attachment 1 of this RAI.

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

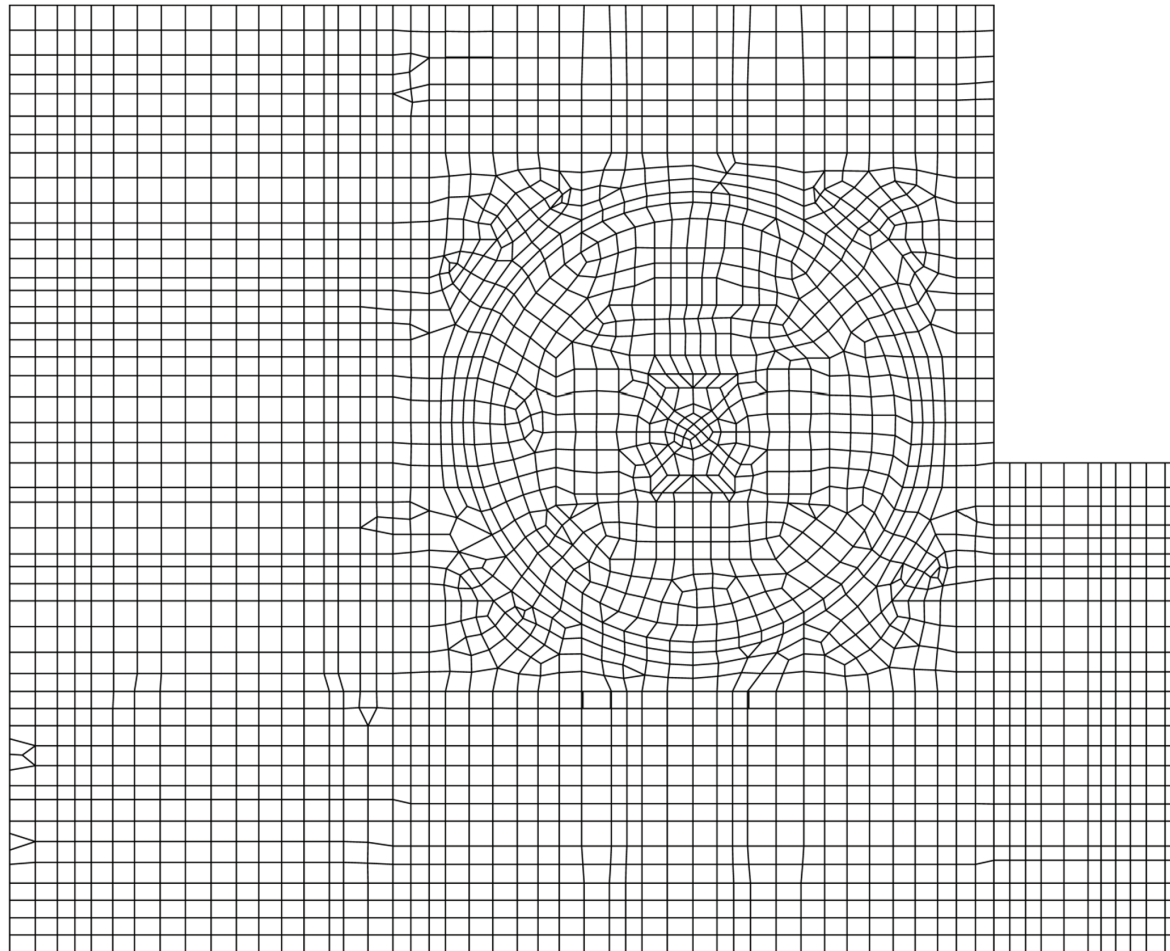
There is no impact on the Technical/Topical Report.

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

3. DESIGN OF STRUCTURES, SYSTEMS,
COMPONENTS, AND EQUIPMENT

US-APWR Design Control Document

P.N.



MIC-03-03-
00057
MIC-03-03-
00060

Figure 3.8.5-5 R/B Complex Basemat Foundation, ~~PCCV, and Containment Internal Structure Basemat Foundation~~

DCD_03.08.
05-49