

REQUEST FOR ADDITIONAL INFORMATION 392-2977 REVISION 1

6/15/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 05.04.02.01 - Steam Generator Materials

Application Section: 5.4

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)
(CIB1)

05.04.02.01-12

In the response to RAI 05.04.02.01-8 (RAI 265-2172, dated March 9, 2009; MHI response dated March 25, 2009), the applicant stated that the 2.25% chromium steel and Alloy 690 feedwater ring components "do not address the potential for flow-assisted material loss in these parts." Please clarify the purpose of this statement. To what flow-assisted material loss mechanisms does this statement refer, and how are these concerns being addressed?