

**REQUEST FOR ADDITIONAL INFORMATION 393-2978 REVISION 1**

6/15/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 05.04.02.02 - Steam Generator Program

Application Section: 5.4

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

05.04.02.02-9

The response to RAI 05.04.02.02-8 (RAI 293-2173, dated March 30, 2009; MHI response dated April 17, 2009) described the size and shape of local degradation of steam generator tubes attributed to support structures (tube support plates and anti-vibration bars). For degradation at the tube support plates, the response stated that the length is 1.38 inches, which is equal to the plate thickness. Please also provide the circumferential extent of the degradation assumed in the analysis for the tube support plate locations.