

REQUEST FOR ADDITIONAL INFORMATION 258-2116 REVISION 0

3/4/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 06.06 - Inservice Inspection and Testing of Class 2 and 3 Components

Application Section: Section 6.6.8

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

06.06-4

The U.S. APWR DCD, Tier 2, Section 6.6.8 states, “as noted in subsection 6.6.2, the design and installed arrangement of US-APWR Class 2 and 3 components provide clearance adequate to conduct Code-required examinations. The COL applicants are required to have administrative programs that ensure plant design translates accurately into the construction phase.” Section 6.6.2 states that components are designed to allow personnel and equipment access to the extent practical to perform the required inservice examinations. The staff could not determine if the SRP acceptance criteria were met since the level of detail was not sufficient for the staff to reach a reasonable assurance determination. Please provide further description in the DCD to address how it is determined that access is provided in order to enable the performance of ISI examinations, the extent of examination during each interval for circumferential and longitudinal welds, whether inspection ports are provided when access is restricted due to guard pipes, and whether areas subject to examination are defined in accordance with Article IWC-2000, Examination Category C-F for Class 2 piping welds.