

REQUEST FOR ADDITIONAL INFORMATION 456-3651 REVISION 1

9/14/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 14.03.07 - Plant Systems - Inspections, Tests, Analyses, and Acceptance Criteria
Application Section: DCD Section 2.7.1

QUESTIONS for Technical Specification Branch (CTSB)

14.03.07-48

Table 2.7.1.2-5, Main Steam Supply System ITAAC, Items 9a and 9b

For the motor operated and air operated valves in Table 2.7.1.2-2, there are ITAAC 9a and 9b in Table 2.7.1.2-5, respectively, that check that these valves change state under design and pre-operational testing conditions. The Main Steam Bypass Isolation Valves are listed in Table 2.7.1.2-2 as being hydraulically operated, but Tier 2 section 10.3.2.3.5 states these valves are air-operated valves. Are the Main Steam Bypass Isolation Valves air operated or hydraulically controlled? If they are air-operated valves, should table 2.7.1.2-2 be revised to indicate that they are air-operated valves?

The regulatory basis for these comments is 10 CFR 50.70 and 10 CFR 50, Appendix B, Criterion III. Design Control.

14.03.07-49

Table 2.7.1.9-5, Condensate and Feedwater System ITAAC, Item 9a

This ITAAC checks the motor operated valves in Table 2.7.1.9-2 for operation for both design conditions and preoperational testing. Should table 2.7.1.9-2 be revised to indicate the MOVs in that table that are referred to in ITAAC Item 9a?

The regulatory basis for these comments is 10 CFR 50.70 and 10 CFR 50, Appendix B, Criterion III. Design Control.