

REQUEST FOR ADDITIONAL INFORMATION 508-3797 REVISION 1

12/15/2009

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 2.8

QUESTIONS for Technical Specification Branch (CTSB)

14.03.07-50

ITAAC Item 1.a in Table 2.8-1

The staff wrote an RAI 183-1935, Question 14.03.07-14 (Question 7649) to address some concerns with these two ITAAC. The staff accepted the applicant's response to that RAI question. However, the staff has an additional concern. ITAAC Item 1.a is a standalone ITAAC that verifies that the as-built shielding walls and floor listed in Table 2.2-2 are consistent with the designed concrete wall thicknesses, and it also refers to Section 2.2 ITAAC.

Explain why (1) the AC of this ITAAC refers to "designed concrete wall" thicknesses instead of "designed concrete wall and floor" thicknesses, and (2) why it refers to Section 2.2 ITAAC since this ITAAC is a standalone ITAAC.

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