

# REQUEST FOR ADDITIONAL INFORMATION 446-3618 REVISION 1

9/1/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 14.03.04 - Reactor Systems - Inspections, Tests, Analyses, and Acceptance Criteria  
Application Section: DCD Section 2.4.4 and 2.4.5

## QUESTIONS for Technical Specification Branch (CTSB)

14.03.04-41

ITAAC Item 7.bi in Table 2.4.4-5

The ITA of this ITAAC makes reference to a test and an analysis. The AC has several statements pertaining to water volume of the accumulators and to the calculated resistance of the accumulator system. It is confusing about which statements in the AC are for the test and which are for the analysis. Why are the injection test and the analysis referred to in the ITA not aligned to the appropriate statements in the AC? It may be prudent to make this ITAAC two ITAAC (1) first one for the test and (2) second one for the analysis. In addition, why are there two values for water volume stated in the AC since the ITA only refers to one test? The regulatory basis for these comments is 10 CFR 50.70 and 10 CFR 50, Appendix B, Criterion III. Design Control. This RAI question is also applicable to similar ITAAC where multiple actions, for example a test and analysis, are required in the ITA and there are multiple statements in the AC with no indication as to which statements in the AC go with the test or the analysis referred to the ITA.