

**REQUEST FOR ADDITIONAL INFORMATION 361-2733 REVISION 0**

5/13/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 09.02.01 - Station Service Water System

Application Section: 9.2.1

QUESTIONS for Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

09.02.01-31

Applicants for standard plant design approval must provide plans for preoperational testing and initial operations in accordance with 10 CFR 50.34(b)(6)(iii) requirements. Design control document (DCD) Tier 2, Section 14.2.12.1.34, "Essential Service Water System (ESWS) Preoperational Test," describes the initial test program for the ESWS. The results of the ESWS test programs are considered to be acceptable if the ESWS performs as described in Tier 2 of the DCD Section 9.2.1. However, as noted in RAI number 326 SBPA 2279, questions 09.02.01-3 through -30, the design bases for the ESWS are not adequately described in Tier 2 of the DCD Section 9.2.1. Consequently, until the ESWS design basis is adequately described, the acceptance criteria for the ESWS test programs can not be established. Provide additional information in Tier 2 of the DCD Section 9.2.1 to adequately describe the ESWS design basis so that the acceptance criteria for the essential service water system initial test program can be established.