

**REQUEST FOR ADDITIONAL INFORMATION 818-5872 REVISION 3**

8/30/2011

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 08.03.01 - AC Power Systems (Onsite)

Application Section: 8.3.1

QUESTIONS for Electrical Engineering Branch (EEB)

08.03.01-42

During the ACRS Subcommittee Meeting on April 22, 2011, Mr. Richard Barnes of MHI discussed the test sequence for the GTG qualification, as confirmed by the transcripts in page 212, starting in line 19. Specifically, Mr. Barnes affirmed that the qualification testing was stopped every 50 starts to perform maintenance on the injectors, and that maintenance restart was not part of the qualification testing. This particular maintenance activity was not outlined in the Qualification Plan Technical Report, MUAP-07024-P(R2), or the Technical Specifications pertaining to the GTG, therefore:

- a. Explain whether or not this maintenance activity is recommended by the manufacturer, or provide the technical basis to support such activity. Also, document this maintenance activity in the USAPWR DCD in all appropriate sections where GTG qualification is discussed, as well as in the Qualification Plan Technical Report.
- b. Provide the GTG test log for all tests performed during the qualification testing including all stops and maintenance activities performed during the length of each test.