

**REQUEST FOR ADDITIONAL INFORMATION 732-5627 REVISION 5**

4/14/2011

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 07.01 - Instrumentation and Controls - Introduction

Application Section: Branch Technical Position 7-14, Guidance on Software Reviews for Digital Computer-based Instrumentation and Control Systems

QUESTIONS for Instrumentation, Controls and Electrical Engineering 2 (ESBWR/ABWR Projects) (ICE2)

07.01-34

SRP Chapter 7, Branch Technical Position, 7-14 provides guidelines for the development of Software Maintenance, Training and Operations Plans for the finished system with a specific application. For the Software Training Plan, for example, BTP 7-14, section B.3.1.7.1, states that the plan's purpose "involves a description of the means necessary to ensure that training needs of appropriate plant staff, including operators and I&C engineers and technicians, are fully achieved."

The staff finds these plans (Maintenance, Training, and Operations) at the basic software development stage are unnecessary and do not meet the intent of the guidance and should be developed by the application developer, MHI, in the application software program manual. Therefore the staff requests MHI to remove these plans from the Basic Software Program Manual, JEXU-1012-1132, Rev. 2.