

REQUEST FOR ADDITIONAL INFORMATION 710-5493 REVISION 2

3/7/2011

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 07.09 - Data Communication Systems

Application Section: 7.1, 7.9

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

07.09-23

The staff's 10 CFR 50 review of Chapter 7 is focused on addressing the Secure Development and Operational Environment (SDOE) per RG 1.152. RG 1.152 has been in a process of revision for the past year, with the latest draft (DG-1249 on the NRC's website, ML100490539) having been proposed in June 2010 and presented to the ACRS on February 23, 2011. This revision, along with RG 5.71, will make changes in how 'cyber security' is handled in nuclear power plant safety systems. Specifically, with the issuance of 10 CFR 73.54 and its companion staff guidance, RG 5.71, 'cyber security' is reviewed under Chapter 13 during COL reviews. RG 1.152, Revision 3, and RG 5.71 were discussed at the public meeting on February 23, 2011. MHI currently is committed to Revision 2 of RG 1.152. Staff requests MHI to consider following the updated guidance of the future Revision 3. If MHI agrees, the NRC staff requests MHI to remove all references to cyber security in Chapter 7 DCD and technical reports. Some examples from MHI's submittals for Chapter 7 that references cyber security include: US APWR DCD, Rev 2, Sections 7.1.3.17, 7.7.2.10, and 7.9.2.6; MUAP-07005-P(R6), Section 6.1.6.