

REQUEST FOR ADDITIONAL INFORMATION NO. 121-794 REVISION 0

12/3/2008

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 06.02.01.05 - Minimum Containment Pressure Analysis for Emergency Core Cooling
System Performance Capability Studies
Application Section: 6.2.1.5

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

06.02.01.05-7

6.2.1.5: The transition from the heat transfer coefficient at time zero to the value at the end of blow-down appears to be linear in Fig. 6.2.1-83 instead of exponential, as reported in section 6.2.1.5.8. Thus, the linear transition in Fig.6.2.1-83 appears not to correspond to the formula of page 6.2-37 of the DCD report. Please explain and/or clarify.