REQUEST FOR ADDITIONAL INFORMATION NO. 122-795 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)

06.02.01.05-8

6.2.1.5: Figs. 6.2.1-80 and 6.2.1-81 show the peak temperature and pressure in the containment occur around 10 s, but the peak heat transfer coefficient in Fig. 6.2.1-83 occurs at 33 s. Table 6.2.1-28 shows an end of blow-down also at about 33 s. Please, explain/clarify the discrepancy on the timing of these peaks (10s vs 33s).