

REQUEST FOR ADDITIONAL INFORMATION 827-5812 REVISION 0

9/7/2011

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 09.04.01 - Control Room Area Ventilation System

Application Section: 9.4.1

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

09.04.01-28

"Question on CR Intake Flow Rate"

There are three information sources related to CR intake flow rate from USAPWR DCD:

1. Rev 3 of DCD Tier 2 Section 6.4.2.3 (page 6.4.7).

"Make-Up flow < 1200 cfm".

2. Rev 3 of DCD Tier 2 Section 9.4.1.2.2.1 (page 9.4-5).

"Make-Up flow < 600 cfm".

3. Rev 3 of DCD Tier 2 Table 2.7.5.1-3 Sheet 3 Acceptance Criteria Item 4.b.ii (page 2.7-175).

"Intake flow < 1200 cfm"; "recirculation flow >2400 cfm".

Request for additional information: What is the correct CR intake flow rate? 1200 cfm or 600 cfm. The applicant's information seems contradicting itself.