

## Jeff Ciocco

---

**From:** Jeff Ciocco  
**Sent:** Wednesday, June 18, 2008 8:12 AM  
**To:** us-apwr-rai@mhi.co.jp  
**Cc:** Ngola Otto; Charles Cox; Larry Burkhart; Michelle Hart  
**Subject:** US-APWR Design Certification Application RAI No. 9  
**Attachments:** US-AWPR DC RAI 9 RSAC 411.pdf

MHI,

Attached please find the subject request for additional information (RAI). This RAI was sent to you in draft form. The schedule we are establishing for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule. Please submit your RAI response to the NRC Document Control Desk.

Jeff Ciocco  
Office: T-7F14  
New Reactor Licensing  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852-2739  
301.415.6391  
[jeff.ciocco@nrc.gov](mailto:jeff.ciocco@nrc.gov)

**REQUEST FOR ADDITIONAL INFORMATION NO. 9 REVISION 0**

6/18/2008

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 11.01 - Source Terms

Application Section: DCD 11.1

RSAC Branch

**QUESTIONS**

11.01-1

The total primary-to-secondary leakage is listed in DCD Table 11.1-4 as 150 gallons per day (gpd). This is the Technical Specification (TS) 3.4.13 limit for one steam generator. Because there are four steam generators, this value should be 600 gpd. Provide the basis for the primary-to-secondary leakage value used to calculate secondary coolant activity.