

REQUEST FOR ADDITIONAL INFORMATION
 US-APWR TOPICAL REPORT: SMALL BREAK LOCA METHODOLOGY, MUAP-07013-P (R0)

3/22/2010

M-RELAP5 Additional Code Assessment Using LOFT/L3-1 and Semiscale /S-LH-1 Test Data
 UAP-HF-09567
 Mitsubishi Heavy Industries
 Docket No. 52-021
 SRSB Branch

The following is the sixth set of NRC requests for additional information (RAIs) based on the review of the M-RELAP5 code assessment report UAP-HF-09567, in support of the review of the Small Break LOCA Methodology Topical Report.

New Question Number	Question
LS-1	Please include both of these assessments in MUAP-07013P.
LS-2	In the last sentence of the first paragraph of the INTRODUCTION, the ROSA/LSTF-SB-CL-18 test is stated to be "sufficiently scalable" to the US-APWR SBLOCAs. Either eliminate this remark or give a definition of what the term "sufficiently scalable" means.
LS-3	[(Proprietary information withheld under 10 CFR 2.390)]
*LS-4	[(Proprietary information withheld under 10 CFR 2.390)

]
LS-5		[(Proprietary information withheld under 10 CFR 2.390)]
LS-6		[(Proprietary information withheld under 10 CFR 2.390)]
*LS-7		In the plant analysis it is necessary to predict the secondary side pressures from a description of the system characteristics. For both the LOFT and Semiscale assessments, MHI input the secondary pressures as boundary conditions. Explain why MHI performed all of the assessments of integral effects tests by predicting only the primary system response and not the complete system response.

* 60 Day response