

**REQUEST FOR ADDITIONAL INFORMATION 911-6326 REVISION 3**

3/12/2012

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 15.04.08 - Spectrum of Rod Ejection Accidents (PWR)

Application Section: 15.4.8

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

15.04.08-12

Follow-on to RAI 2361, Question 15.4.8-8

In response to RAI 2361, Question 15.4.8-8, MHI stated that the dynamic gap conductance is based on the Ross-Stoute model. No explanation was provided as to whether the Ross-Stoute model is acceptable or conservative when used for the short-term, rods in DNB or peak RCS pressure cases. Provide a basis as to why the Ross-Stoute dynamic gap conductance model can be used for the short-term, rods in DNB and peak RCS pressure REA cases.