

REQUEST FOR ADDITIONAL INFORMATION 904-6324 REVISION 3

2/27/2012

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 15.04.03 - Control Rod Misoperation (System Malfunction or Operator Error)
Application Section: DCD 15.4.3

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

15.04.03-13

For the uncontrolled withdrawal of a single RCCA event in DCD Section 15.4.3, only HFP cases were discussed. Lower or part power allow deeper rod insertions, increasing the worth of the withdrawn rod. Have lower or part power, single RCCA rod withdrawals been evaluated? If so, what part power cases have been run and were any part power cases more limiting than the HFP case presented?