

REQUEST FOR ADDITIONAL INFORMATION 93-1592 REVISION 0

11/6/2008

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
Application Section: SRP 14.2, 10 CFR 30.53(c), 10 CFR 52.79(a)(28)

QUESTIONS for Health Physics Branch (CHPB)

14.02-90

Staff review of DCD Tier 2 (Rev 1), Section 14.2 indicates insufficient information is provided in regards to tests of radiation detection and monitoring instruments associated with the ITP as part of the initial plant startup for compliance with 10 CFR 30.53(c) and 10 CFR 52.79(a)(28). Specifically, please address the following items and revise the DCD to include this information.

1. COL 14.2(10) states that the COL applicant is responsible for testing outside the scope of the certified design in accordance with the test criteria described in Subsection 14.2.1, and is required to test personnel monitors and radiation survey instruments. Further, Table 14.2A-1, identifies an exception to RG 1.68, Appendix A, item 1.k(2) with COL 14.2(10) that also requires the COL licensee to develop the test program. Provide the conformance standards and regulatory guidance that will be used to test personnel monitors and radiation survey instruments.
2. Explain how laboratory equipment described in Section 14.2.12.1.84 to analyze or measure radiation levels and radioactivity concentrations is tested to assure reliable detection/monitoring and instrument response for initial plant startup. Include in the discussion, the conformance standards and regulatory guidance that will be used to test laboratory equipment.