

REQUEST FOR ADDITIONAL INFORMATION 445-2759 REVISION 0

8/25/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 03.11 - Environmental Qualification of Mechanical and Electrical Equipment
Application Section: 3.11

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)
(CIB1)

03.11-16

US-APWR DCD Tier 2, Section 3.11.6, "Qualification of Mechanical Equipment," specifies that the COL Applicant is to provide the site-specific mechanical equipment requirements, and that this equipment is to be qualified using an equivalent qualification process to that delineated for the US-APWR standard plant. The NRC expectation is that site-specific mechanical equipment be qualified using methods described in Section 3.11 of the DCD and in Technical Report MAUP-08015(R0), US-APWR Equipment Environmental Qualification Program." The DC applicant is requested to describe and justify the "equivalent qualification process," including how this qualification process differs from the qualification process for mechanical equipment as described in Section 3.11 of the DCD and in Technical Report MAUP-08015(R0) or delete reference to the equivalent qualification process.