

REQUEST FOR ADDITIONAL INFORMATION 440-3359 REVISION 1

8/12/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 01 - Introduction and Interfaces

Application Section: 1.2

QUESTIONS for USAPWR Projects Branch (NMIP)

01-2

RAI 1: In Section 1.2.1.5.6 of the US-APWR DCD, clarify the Statement:

The onsite ac power system is supplied offsite power from the transmission system by two independent connections to the transmission system.

01-3

RAI 2: In Section 1.2.1.5.2.4 of the US-APWR DCD, clarify the Statement:

The tubes are hydraulically expanded to the full depth of the tubesheet at each end and supported by broached tube support plates.

Please clarify what is meant by “broached tube support plates.”

01-4

RAI 3: In Section 1.2.1.5.4.6 of the US-APWR DCD, clarify the statement:

The LWMS is classified as comprising the liquid waste processing system and the reactor coolant drain system.

01-5

RAI 4: In Section 1.2.1.6 of the US-APWR DCD, clarify the statement:

The final configuration of the main cooling system is site-specific; however, the reference plant main cooling complex of the once-through cooling type.

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01-6

RAI 5:

- a) In Section 1.2.1.7.2.1 Reactor Building of the US-APWR DCD, there is a typo on the bottom of page 1.2-49:

“Safety metal crad switchgear and load center” should read “Safety metal clad switchgear and load center”

- b) In Section 1.2.1.7.2.7 Turbine Building of the US-APWR DCD, there is a typo on the bottom of page 1.2-50:

“The T/G is” should read “The T/B is”