

Followup RAI question regarding ESBWR DCD Chapter 9

The staff has determined that supplementary information is required to complete its review of ESBWR design control document (DCD) Tier 2, Section 9.2. Please provide a supplementary RAI response for the following question:

Reference: GE response to RAI letter 62 MFN -06-417 dated December 1, 2006

RAI 9.2-6:

The RAI requested the applicant to include system drawings (P&IDs) for the plant service water system (PSWS) and reactor component cooling water system (RCCWS) in the DCD showing system function, major equipment, components, piping classes, instrumentation, and interface systems. In its response dated 12/1/2006 (MFN-06-417), GE did not provide P&IDs for the PSWS and RCCWS in the DCD. The level of detail in ESBWR DCD Tier 2 Figures 9.2-1 and 9.2-2 are not consistent with that in the DCDs of AP1000 and ABWR. Further the PSWS and RCCWS were recently scoped into regulatory treatment of non-safety systems (RTNSS). Due to the importance of these systems, drawings of equivalent detail to drawing No.105E3890 (RCCWS) and No.105E3893 (PSW) in GE letter MFN 05-164 dated December 12, 2005 should be added to the DCD to supplement or replace existing figures 9.2-1 and 9.2-2.