

4.0 Interface Requirements

The interface requirements defined in this section are similar in nature to the Design Commitments identified in the tables of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) provided in Section 2.0 above. In particular, the following matters are addressed in one or more of the interface requirements: supply of cooling and makeup water, heat removal for water-cooled systems, separation and independence of divisions, Remote Shutdown System (RSS) controls for system operation, seismic capability, criteria for electrical power systems monitors, automatic initiation of system operation, and flood limiting features. Each of these design features/design characteristics is also discussed in one or more of the Design Commitments and their corresponding ITAAC in Section 2.0.

An applicant for a combined operating license (COL) that references the ABWR Certified Design must provide design features or characteristics that comply with the interface requirements for the ABWR design and ITAAC for the site-specific portions of the facility design, in accordance with 10 CFR 52.79 (c). Because the interface requirements for the ABWR design are similar to the ABWR Design Descriptions in Section 2.0, for which ITAAC have been developed, compliance with the interface requirements is verifiable through inspection, testing, or analysis. Therefore, there is justification that a COL applicant will be able to develop ITAAC to verify compliance with the design features or characteristics that implement the interface requirements.