

FUNCTIONAL ARRANGEMENT ITAAC

The Functional Arrangement ITAAC include those SSCs identified in -

- Tier 1 Design Descriptions
- Tier 1 Figures
- Tier 1 Tables

ITAAC Determination Basis

An inspection of the as-built PCS was conducted as part of the system turnover/walkdown between construction completion and pre-operational testing on the Passive Cooling System (PCS) to confirm that the functional arrangement of the PCS is as described in the Design Description of DCD Tier 1 Section 2.2.2. This inspection encompassed all SSCs identified in the Tier 1 design description, including those in tables and figures.

The inspection (walkdown) was completed in accordance with Consortium Procedure APPGW-GQP-XXX (Reference 3) which required the preparation of a detailed inspection plan. This plan included the use of detailed drawings to perform visual observations and compare the as-built system to the design description.

The inspection confirmed that the functional arrangement of the as-built PCS conforms to the Design Description of DCD Tier 1 Section 2.2.2, as documented in the PCS functional arrangement inspection report (Reference 4).

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