

ed. Containment Integrity*

Containment integrity is defined to exist when:

- 1) Penetrations required to be isolated during accident conditions are either:
 - a. Capable of being closed by an operable automatic containment isolation valve,
OR
 - b. Closed by an operable containment isolation valve,
OR
 - c. Closed in accordance with Specifications 15.3.6.A.1.b and 15.3.6.A.1.c.
- ~~1) All non-automatic containment isolation valves and blind flanges are closed as required.~~
- 2) The equipment hatch ~~is properly closed~~ meets the leakage acceptance criteria of TS 15.4.4.II.B.
- 3) ~~At least one door in~~ Each personnel air lock ~~is properly closed~~ meets the leakage acceptance criteria of TS 15.4.4.II.B.
- ~~4) All automatic containment isolation valves are operable or are secured closed.~~
- ~~5) The overall uncontrolled containment leakage satisfies Specification 15.4.4 is less than La.**~~

ee. Protective Instrumentation Logic

- 1) Analog channel

An analog channel is an arrangement of components and modules as required to generate a single protective action signal when required by a plant condition. An analog channel loses its identity where single action signals are combined.

* Containment isolation valves are discussed in FSAR Section 5.2.

** Prior to the first startup following testing required by TS 15.4.4, the as-left containment leakage rates shall satisfy the acceptance criteria in TS 15.4.4.

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Basis

Specification 15.3.6.A.1

The Reactor Coolant System conditions of cold shutdown assure that no steam will be formed and hence, there would be no pressure buildup in the containment if the Reactor Coolant System ruptures.

Specification 15.3.6.A.1.a.

The safety design basis for the containment is that the containment must withstand the pressures and temperatures of the limiting DBA without exceeding the design leakage rate. The design allowable leakage rate (L_d) is 0.4% of containment air weight per day at 60 psig (P_s).⁽¹⁾

Containment operability is maintained by limiting the overall containment leakage rate to within the design allowable leakage rate (L_d). Prior to startup following testing required by TS 15.4.4, however, the as-left leakage rates must satisfy the acceptance criteria in TS 15.4.4. Compliance with Specification 15.3.6.A.1.a. will ensure a containment configuration that is structurally sound and that will limit leakage to those leakage rates assumed in the safety analysis.

If penetration or air lock leakage results in exceeding L_d , Specification 15.3.6.A.1.a. shall be entered simultaneously with the LCO applicable to the penetration or air lock with the excessive leakage. Once the overall containment leakage rate is restored to less than L_d , Specification 15.3.6.A.1.a. may be exited and operation continued in accordance with the applicable LCO.