

3.6 CONTAINMENT SYSTEM

Applicability

Applies to the integrity of reactor containment.

Objectives

To define the operating status of the reactor containment for plant operation.

Specification

3.6.1 Containment Integrity

- a. The containment integrity (as defined in 1.7) shall not be violated unless the reactor is in the cold shutdown condition.
- b. The containment integrity shall not be violated when the reactor vessel head is removed unless a shutdown margin greater than $10\% \Delta k/k$ is constantly maintained.
- c. Positive reactivity changes shall not be made by rod drive motion when the containment integrity is not intact except for rod drop tests or disconnecting part length rods, in which case the shutdown margin is maintained $>1\% \Delta k/k$.
- d. Positive reactivity changes shall not be made by boron dilution when the containment integrity is not intact unless the shutdown margin is maintained $>1\% \Delta k/k$.

3.6.2 Internal Pressure

If the internal pressure exceeds 1 psi or the internal vacuum exceeds 1.0 psi, the condition shall be corrected within eight (8) hours or the

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Regarding internal pressure limitations, the containment design pressure of 42 psig would not be exceeded if the internal pressure before a major loss-of-coolant accident were as much as 2 psig. (1) The containment is designed to withstand an internal vacuum of 2.0 psi. (2)

REFERENCES

- (1) FSAR Section 14.3.4
- (2) FSAR Section 1.1.2.3