

***REVISED TECHNICAL
SPECIFICATION PAGES***

341a, 341b, 341c



LIMITING CONDITION FOR OPERATION

3.7.2 SPECIAL TEST EXCEPTION - SYSTEM LEAKAGE AND HYDROSTATIC TESTING

Applicability:

Applies to performance of the system leakage or hydrostatic test and scram time testing in the cold shutdown condition.

Objective:

To allow the reactor to be considered in cold shutdown (reactor coolant temperature below 212°F) when the actual reactor coolant temperature is greater than 212°F (hot shutdown) but less than 275°F while performing system leakage and scram time testing or hydrostatic testing and scram time testing.

Specification:

- a. When conducting system leakage or hydrostatic testing, the following hot shutdown specifications will be met:
- 1) LCO 3.4.1, Leakage Rate
 - 2) LCO 3.4.2.a, Reactor Building Integrity - Isolation Valves
 - 3) LCO 3.4.3.a, Access Control
 - 4) LCO 3.4.4.a, Emergency Ventilation System
Includes: LCO 3.6.2.a.(10), Table 3.6.2j, Emergency Ventilation Initiation

SURVEILLANCE REQUIREMENT

4.7.2 SPECIAL TEST EXCEPTION - SYSTEM LEAKAGE AND HYDROSTATIC TESTING

Applicability:

Applies to testing requirements for specifications listed in 3.7.2.a.

Objective:

To verify operability of systems listed in 3.7.2.a are met.

Specification:

Verify the applicable surveillances for the requirements of specifications listed in 3.7.2.a are met.



LIMITING CONDITION FOR OPERATION

SURVEILLANCE REQUIREMENT

5) LCO 3.4.5.a, Control Room Air Treatment System

Includes: LCO 3.6.2.a.(12), Table 3.6.2l, Control Room Air Treatment System Initiation.

- b. When conducting scram time testing in conjunction with system leakage or hydrostatic testing, specification 3.7.1, Special Test Exception - Shutdown Margin Demonstrations, shall be met.
- c. The drywell and the pressure suppression chamber are intact with at least one door in each personnel air-lock closed.
- d. With the requirements of specification 3.7.2.a, 3.7.2.b, or 3.7.2.c not satisfied, immediately abort system leakage and scram time testing or hydrostatic testing and scram time testing activities and reduce the average reactor coolant temperature to $\leq 212^{\circ}\text{F}$ within 10 hours.



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BASES FOR 3.7.2 AND 4.7.2 - SYSTEM LEAKAGE AND HYDROSTATIC TESTING

This special test exception allows the reactor coolant temperature to be considered less than 212°F (i.e., cold shutdown) when the reactor coolant temperature is greater than 212°F (i.e., hot shutdown) but less than 275°F while performing reactor vessel system leakage and scram time testing or hydrostatic testing and scram time testing. This allows operational flexibility since temperatures may exceed 212°F during the test and can drift higher since decay and mechanical heat do not allow for exact control. Not all Limiting Conditions of Operation (LCOs) applicable to operation at coolant temperatures > 212°F, e.g. Primary Containment and Containment Spray, apply during this Special Test Exception. Additionally, because reactor vessel fluence increases over time, this testing will require greater coolant temperatures. The requirement for reactor building integrity, the conditions placed on the primary containment, and the cold shutdown requirements for other plant systems provides conservatism in the response of the unit to an operational event. Shutdown margins need only be demonstrated when performing scram time testing in conjunction with system leakage or hydrostatic testing (i.e., shutdown margins need not be demonstrated when performing a pressure test only). This special test exception is to be used when low decay heat values are present (e.g., such as following an outage) and reactor coolant activity levels are within the limits specified in Specification 3.2.4.

