

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.7.C (cont'd.)

- a. The reactor is subcritical and Specification 3.3.A is met.
- b. The reactor water temperature is below 212°F and the reactor coolant system is vented.
- c. No activity is being performed which can reduce the shutdown margin below that specified in Specification 3.3.A.
- d. Irradiated fuel is not being handled in the secondary containment.
- e. If secondary containment integrity cannot be maintained, restore secondary containment integrity within 4 hours or;
 - a. Be in at least Hot Shutdown within the next 12 hours and in cold shutdown within the following 24 hours.
 - b. Suspend irradiated fuel handling operations in the secondary containment and all core alterations and activities which could reduce the shutdown margin. The provisions of Specification 1.0.J are not applicable.

D. Primary Containment Isolation Valves

1. During reactor power operating conditions, all isolation valves listed in Table 3.7.1 and all instrument line flow check valves shall be operable except as specified in 3.7.D.2.

4.7.C (cont'd.)

- a. A preoperational secondary containment capability test shall be conducted after isolating the reactor building and placing either standby gas treatment system filter train in operation. Such tests shall demonstrate the capability to maintain 1/4 inch of water vacuum under calm wind ($2 < \bar{u} < 5$ mph) conditions with a filter train flow rate of not more than 100% of building volume per day. (\bar{u} = wind speed)
- b. Additional tests shall be performed during the first operating cycle under an adequate number of different environmental wind conditions to enable valid extrapolation of the test results.
- c. Secondary containment capability to maintain 1/4 inch of water vacuum under calm wind ($2 < \bar{u} < 5$ mph) condition with a filter train flow rate of not more than 100% of building volume per day, shall be demonstrated at each refueling outage prior to refueling.
- d. After a secondary containment violation is determined, the standby gas treatment system will be operated immediately after the affected zones are isolated from the remainder of the secondary containment to confirm its ability to maintain the remainder of the secondary containment at 1/4 inch of water negative pressure under calm wind conditions.

D. Primary Containment Isolation Valves

1. The primary containment isolation valves surveillance shall be performed as follows:
 - a. At least once per operating cycle the operable isolation valves that are power operated and automatically initiated shall be tested for simulated automatic initiation and closure times. A valve closure test and verification of closure time shall also be performed prior to returning a valve to service after maintenance, repair or replacement.

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3.7.D (cont'd.)

2. In the event any isolation valve specified in Table 3.7.1 becomes inoperable, reactor power operation may continue provided at least one valve in each line having an inoperable valve shall be in the mode corresponding to the isolation condition. If the inoperable valve is not returned to the operable status within 72 hours, tag the operable valve closed. Operation may then continue until performance of the next required valve test specified in 4.7.D.1.a.
3. If Specification 3.7.D.1 and 3.7.D.2 cannot be met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

4.7.D (cont'd.)

work is performed on the valve or its associated actuator, control or power circuit.

- b. At least once per quarter:
 - (1) All normally open power operated isolation valves (except for the main steam line power-operated isolation valves) shall be fully closed and reopened.
 - (2) With the reactor power less than 75%, trip main steam isolation valves individually and verify closure time.
- c. At least once per week the main steam line power-operated isolation valves shall be exercised by partial closure and subsequent reopening.
- d. At least once per operating cycle the operability of the reactor coolant system instrument line flow check valves shall be verified.
- e. The valve seals of the primary containment and Suppression Chamber Purge and Vent valves shall be replaced at least once per 7 operating cycles.
2. Whenever an isolation valve listed in Table 3.7.1 is inoperable, the position of at least one other valve in each line having an inoperable valve shall be recorded daily.