

INDEX

LIMITING CONDITIONS FOR OPERATION AND SURVEILLANCE REQUIREMENTS

<u>SECTION</u>	<u>PAGE</u>
<u>3/4.5 EMERGENCY CORE COOLING SYSTEMS (ECCS)</u>	
3/4.5.1        ACCUMULATORS .....	3/4 5-1
3/4.5.2        ECCS SUBSYSTEMS - $T_{avg} \geq 350^{\circ}F$ .....	3/4 5-3
3/4.5.3        ECCS SUBSYSTEMS - $T_{avg} < 350^{\circ}F$ .....	3/4 5-6
3/4.5.4        BORON INJECTION SYSTEM	
3/4.5.4.1.1    Boron Injection Tank $\geq 350^{\circ}F$ .....	3/4 5-7
3/4.5.4.1.2    Boron Injection Tank $< 350^{\circ}F$ .....	3/4 5-7a
3/4.5.5        SEAL INJECTION FLOW .....	3/4 5-8
<u>3/4.6 CONTAINMENT SYSTEMS</u>	
3/4.6.1        PRIMARY CONTAINMENT	
3/4.6.1.1      Containment Integrity .....	3/4 6-1
3/4.6.1.2      Containment Leakage .....	3/4 6-2
3/4.6.1.3      Containment Air Locks .....	3/4 6-5
3/4.6.1.4      Internal Pressure .....	3/4 6-6
3/4.6.1.5      Air Temperature .....	3/4 6-8
3/4.6.1.6      Containment Structural Integrity .....	3/4 6-10
3/4.6.2        DEPRESSURIZATION AND COOLING SYSTEMS	
3/4.6.2.1      Containment Quench Spray System .....	3/4 6-11
3/4.6.2.2      Containment Recirculation Spray System ....	3/4 6-13
3/4.6.2.3      Chemical Addition System .....	3/4 6-15
3/4.6.3        CONTAINMENT ISOLATION VALVES .....	3/4 6-17

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

2. Cycling each weight or spring loaded check valve testable during plant operation, through one complete cycle of full travel and verifying that each check valve remains closed when the differential pressure in the direction of flow is  $< 1.2$  psid and opens, when the differential pressure in the direction of flow is  $> 1.2$  psid but less than 6.0 psid.

- b. Immediately prior to returning the valve to service after maintenance, repair or replacement work is performed on the valve or its associated actuator, control or power circuit by performance of the applicable cycling test, above, and verification of isolation time.

4.6.3.1.2 Each containment isolation valve shall be demonstrated OPERABLE\* during the COLD SHUTDOWN or REFUELING MODE at least once per 18 months by:

- a. Verifying that on a Phase A containment isolation test signal, each Phase A isolation valve actuates to its isolation position.
- b. Verifying that on a Phase B containment isolation test signal, each Phase B isolation valve actuates to its isolation position.
- c. Deleted.
- d. Cycling each power operated or automatic valve through at least one complete cycle of full travel and measuring the isolation time.
- e. Cycling each weight or spring loaded check valve not testable during plant operation, through one complete cycle of full travel and verifying that each check valve remains closed when the differential pressure in the direction of flow is  $< 1.2$  psid and opens when the differential pressure in the direction of flow is  $\geq 1.2$  psid but less than 6.0 psid.
- f. Cycling each manual valve not locked, sealed or otherwise secured in the closed position through at least one complete cycle of full travel.

---

\* Locked or sealed closed valves may be opened on an intermittent basis under administrative control.