LIMITING CONDITIONS FOR OPERATION

3.7 CONTAINMENT SYSTEMS (CONT)

A. Primary Containment (Cont)

e. In order to continue reactor power operation, the suppression chamber pool bulk temperature must be reduced to ≤80°F within 24 hours.

f. If the suppression pool bulk temperature exceeds the limits of Specification 3.7.A.1.d, RCIC, HPCI or ADS testing shall be terminated and suppression pool cooling shall be initiated.

g. If the suppression pool bulk temperature during reactor power operation exceeds 110°F, the reactor shall be scrammed.

h. During reactor isolation conditions, the reactor pressure vessel shall be depressurized to less than 200 psig at normal cool down rates if the pool bulk temperature reaches 120°F.

i. (Deleted)

j. (Deleted)

SURVEILLANCE REQUIREMENTS

4.7 CONTAINMENT SYSTEMS (Cont)

A. Primary Containment (Cont)

d. Whenever there is indication of relief valve operation with the local temperature of the suppression pool T-quencher reaching 200°F or more, an external visual examination of the suppression chamber shall be conducted before resuming power operation.

e. A visual inspection of the suppression chamber interior, including water line regions, shall be made at each major refueling outage.

f. (Deleted)

g. Suppression chamber water level shall be recorded at least once each shift when the differential pressure is required.

LIMITING CONDITIONS FOR OPERATION

3.7 CONTAINMENT SYSTEMS (CONT)

A. Primary Containment (Cont)

k. (Deleted)

l. (Deleted)

m. Suppression chamber water level shall be between -6 to -1 inches on torus level instrument which corresponds to a downcomer submergence of 3 feet to 3 feet 5 inches.

n. The suppression chamber can be drained if the conditions as specified in Section 3.5.F.5 of this Technical Specification are adhered to.

SURVEILLANCE REQUIREMENTS

4.7 CONTAINMENT SYSTEMS (Cont)

LIMITING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS
3.7 CONTAINMENT SYSTEMS (Cont)	4.7 CONTAINMENT SYSTEMS (Cont)
A. Primary Containment (Cont)	A. Primary Containment (Cont)
d. If a failure of one of the two installed position alarm systems occurs for one or more vacuum breakers, reactor operation may continue provided that a differential pressure decay rate test is initiated immediately and performed every 15 days thereafter until the failure is corrected. The test shall meet the requirements of Specification 3.7.A.4.b.	
5. If the specifications of 3.7.A.1 thru 3.7.A.4 cannot be met, an orderly shutdown shall be initiated and the reactor shall be in Cold Shutdown condition within 24 hours.	
6. Oxygen Concentration	6. Oxygen Concentration
a. The primary containment atmosphere shall be reduced to less than 4% oxygen by volume with nitrogen gas while in RUN MODE during the time period:	The primary containment oxygen concentration shall be measured and recorded at least twice weekly
i. From 24 hours after thermal power is greater than 15% rated thermal power following startup, to	
ii. 24 hours prior to reducing thermal power to less than 15% rated thermal power prior to the next scheduled shutdown, except as specified in 3.7.A.6.b.	
b. If the specifications of 3.7.A.6.a above cannot be met, and the primary containment oxygen concentration cannot be restored to less than 4% oxygen by volume within the subsequent 24 hour period, reactor thermal power shall be less than 15% rated thermal power within the next 8 hours.	

LIMITING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS
3.7 CONTAINMENT SYSTEMS (Cont)	4.7 CONTAINMENT SYSTEMS (Cont)
A. Primary Containment (Cont)	A. Primary Containment (Cont)
7. Containment Atmosphere Dilution	7. Containment Atmosphere Dilution
a. Within the 24-hour period after placing the reactor in the Run Mode the Post - LOCA Containment Atmosphere Dilution System must be operable and capable of supplying nitrogen to the containment for atmosphere dilution. If this specification cannot be met, the system must be restored to an operable condition within 30 days or the reactor must be at least in Hot Shutdown within 12 hours.	a. The post-LOCA containment atmosphere dilution system shall be functionally tested once per operating cycle.
b. Within the 24-hour period after placing the reactor in the Run Mode, the Nitrogen Storage Tank shall contain a minimum of 1500 gallons of liquid N_2. If this specification cannot be met the minimum volume will be restored within 30 days or the reactor must be in at least Hot Shutdown within 12 hours.	b. The level in the liquid N_2 storage tank shall be recorded weekly. c. Not used. d. Once per month each manual or power operated valve in the CAD system flow path not locked, sealed or otherwise secured in position shall be observed and recorded to be in its correct position.
8. Drywell and Suppression Chamber Differential Pressure	8. Drywell and Suppression Chamber Differential Pressure
a. Differential pressure between the drywell and suppression chamber shall be maintained at equal to or greater than 1.17 psid, while in RUN MODE during the time period: i. From 24 hours after thermal power is greater than 15% rated thermal power following startup, to ii. 24 hours prior to reducing thermal power to less than 15% rated thermal power prior to the next scheduled shutdown, except as specified in 3.7.A.8.b and c.	a. The pressure differential between the drywell and suppression chamber shall be recorded at least once each shift when the differential pressure is required.

LIMITING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS
3.7 CONTAINMENT SYSTEMS (Cont)	4.7 CONTAINMENT SYSTEMS (Cont)
A. Primary Containment (Cont)	A. Primary Containment (Cont)
b. The differential pressure may be reduced to less than 1.17 psid for a maximum of 4 hours for maintenance activities on the differential pressure control system and during required operability testing of the HPCI system, the relief valves, the RCIC system and the drywell-suppression chamber vacuum breakers.	
c. If the specifications of 3.7.A.8.a and b above cannot be met, and the differential pressure cannot be restored within the subsequent 8 hour period, reactor thermal power shall be less than 15% rated thermal power within the next 12 hours.	