

LIMITING CONDITIONS FOR OPERATION

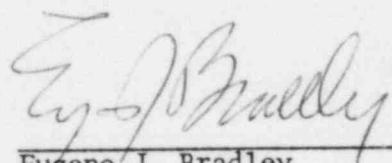
SURVEILLANCE REQUIREMENTS

<u>3.7.A Primary Containment (Cont'd.)</u>	<u>4.7.A Primary Containment (Cont'd.)</u>
<u>3. Pressure Suppression Chamber - Reactor Building Vacuum Breakers</u>	<u>3. Pressure Suppression Chamber - Reactor Building Vacuum Breakers</u>
a. Except as specified in 3.7.A.3.b below, two pressure suppression chamber-reactor building vacuum breakers shall be operable at all times when primary containment integrity is required. The setpoint of the differential pressure instrumentation which actuates the pressure suppression chamber-reactor building vacuum breakers shall be 0.5 +/- 0.25 psid.	a. The pressure suppression chamber-reactor building vacuum breakers and associated instrumentation including setpoint shall be checked for proper operation every refueling outage.
b. From and after the date that one of the pressure suppression chamber-reactor building vacuum breakers is made or found to be inoperable for any reason, reactor operation is permissible only during the succeeding seven days unless such vacuum breaker is sooner made operable provided that the repair procedure does not violate primary containment integrity.	
<u>4. Drywell-Pressure Suppression Chamber Vacuum Breakers</u>	<u>4. Drywell-Pressure Suppression Chamber Vacuum Breakers</u>
a. When primary containment is required, all drywell-suppression chamber vacuum breakers shall be operable and positioned in the fully closed position (except during testing) except as specified in 3.7.A.4.b and c below.	a. Each drywell-suppression chamber vacuum breaker shall be exercised through an opening-closing cycle once a month.
b. Drywell-suppression chamber vacuum breaker(s) may be "not fully seated" as shown by position indication if testing confirms that the bypass area is less than or equivalent to a one-inch diameter hole. Testing shall be performed within 24 hours of initial detection of a "not fully seated" position	b. When it is determined that a vacuum breaker is inoperable for opening at a time when operability is required, all other operable vacuum breakers shall be exercised immediately and every 15 days thereafter until the inoperable vacuum breaker has been returned to normal service.
	c. Once per operating cycle each vacuum breaker shall be visually inspected

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indication and shall be performed periodically thereafter as follows:	to insure proper maintenance and operation.
(1) Once every 15 days (only if "not fully seated" valve(s) are indicated).	d. A leak test of the drywell to suppression chamber structure shall be conducted at each refueling outage to assure no bypass larger than or equivalent to a one-inch diameter hole exists between the drywell and suppression chamber.
(2) Within 24 hours following vacuum breaker exercising required by 4.7.A.4.a and 4.7.A.4.B. (only if "not fully seated" valve(s) are indicated).	
c. Two drywell-suppression chamber vacuum breakers may be inoperable for opening.	
d. If specifications 3.7.A.4.a, b, or c cannot be met, the situation shall be corrected within 24 hours or the unit shall be placed in a cold shutdown condition in an orderly manner.	
5. Oxygen Concentration	5. Oxygen Concentration
a. The primary containment atmosphere shall be reduced to less than 4% oxygen with nitrogen gas during reactor power operation with reactor coolant pressure above 100 psig, except as specified in 3.7.A.5.b.	The primary containment oxygen concentration shall be measured and recorded at least twice weekly.
b. Within the 24-hour period, subsequent to placing the reactor in the RUN mode following a shutdown, the containment atmosphere oxygen concentration shall be reduced to less than 4% by volume and maintained in this condition. De-inerting may commence 24 hours prior to a shutdown.	

CERTIFICATE OF SERVICE

I certify that service of the foregoing Second Amendment was made upon the Commonwealth of Pennsylvania, by mailing a copy thereof, via first-class mail, to Thomas R. Gerusky, Director, Bureau of Radiological Protection, P. O. Box 2063, Harrisburg, PA 17120; all this 29th day of October, 1986.



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