

3.7 LIMITING CONDITIONS FOR OPERATION

- e. Minimum Water Volume - 68,000 cubic feet
- f. Maximum Water Volume - 70,000 cubic feet

- 2. Primary containment integrity shall be maintained at all times when the reactor is critical or when the reactor water temperature is above 212°F and fuel is in the reactor vessel except while performing low power physics tests at atmospheric pressure at power levels not to exceed 5 Mw(t).

3. Whenever primary containment is required, the total primary containment leakage rate shall not exceed 0.8 weight percent per day ( $L_a$ ) at a pressure of 44 psig ( $P_a$ ).

4. Whenever primary containment is required, the leakage from any one isolation valve shall not exceed 5 percent of the maximum allowable leak rate ( $L_a$ ) at peak accident pressure ( $P_a$ ) and the leakage from any one main steam line isolation valve shall not exceed 15.5 scf/hr at 44 psig ( $P_a$ ).

9802200339 980206  
PDR ADOCK 05000271  
PDR

If a portion of a system that is considered to be an extension of the primary containment is to be opened, isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve or blind flange.

4.7 SURVEILLANCE REQUIREMENTS

the Primary Containment Leak Rate Testing Program (PCLRTP).

2. The primary containment integrity shall be demonstrated as required by Appendix J to 10 CFR Part 50. The primary containment shall meet the containment acceptance requirements set forth in that appendix.

- a. Penetrations and seals listed in Table 4.7.1 shall be leak tested at 44 psig ( $P_a$ ).
- b. Type C tests shall be performed on the isolation valves listed in Table 4.7.2.a.

3. Prior to violating the integrity of a system outside the primary containment, which is connected to any valve listed in Table 4.7.2b, the isolation valves bounding the opening shall have Type C tests performed. If the opening cannot be isolated from the containment by two isolation valves which meet the acceptance criteria of Appendix J (10CFR Part 50), a blank flange shall be installed on the opening.

(Blank)

4. The leakage from any one isolation valve shall not exceed 5% of  $L_m$ . The leakage from any one main steam line isolation valve shall not exceed 11.5 scf/hr at 24 psig (Pt). Repair and retest shall be conducted to insure compliance.

g  
3.7 LIMITING CONDITIONS FOR OPERATION

5. Core spray and LPCI pump lower compartment door openings shall be closed at all times except during passage or when reactor coolant temperature is less than 212°F.

D. Primary Containment Isolation Valves

1. During reactor power operating conditions all isolation valves ~~listed in Table 4.7.2~~ and all instrument line flow check valves shall be operable except as specified in Specification 3.7.D.2.
- Containment

4.7 SURVEILLANCE REQUIREMENTS

5. The core spray and LPCI lower compartment openings shall be checked closed daily. (1)

D. Primary Containment Isolation Valves

1. Surveillance of the primary containment isolation valves should be performed as follows:
- The operable isolation valves that are power operated and automatically initiated shall be tested for automatic initiation and the closure times specified in Table 4.7.2 at least once per operating cycle.
  - Operability testing of the primary containment isolation valves shall be performed in accordance with Specification 4.6 E.
  - At least once per quarter, with the reactor power less than 75 percent of rated, trip all main steam isolation valves (one at a time) and verify closure time.
  - At least twice per week, the main steam line isolation valves shall be exercised by partial closure and subsequent reopening.

### 3.7 LIMITING CONDITIONS FOR OPERATION

2. In the event any containment isolation valve ~~specified in Table 4.7.2~~ becomes inoperable, reactor power operation may continue provided at least one valve in each line having an inoperable valve is in the mode corresponding to the isolated condition.
3. If Specifications 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 SURVEILLANCE REQUIREMENTS

2. Whenever an ~~isolation~~ <sup>containment</sup> valve ~~listed in 4.7.2~~ is inoperable, the position of at least one other valve in each line having an inoperable valve shall be logged daily.

CONTAINMENT  
ISOLATION



## VYNPS

TABLE 4.7.1 PENETRATIONS AND SEALS SUBJECT TO TYPE B TESTING		
<u>Penetration Number</u>	<u>Identification</u>	<u>Number of Penetrations</u>
X-7A, D	Main Steam Line A, D	4
X-9A, B	Feedwater Line A, B	2
X-11	HPCI Steam Line	1
X-12	Shutdown Cooling Supply	1
X-17A, B	RHR Return to Reactor	2
X-14	Supply to Reactor Water Cleanup	1
X-16A, B	Core Spray to Reactor	2
X-1	Equipment Access Hatch	1
X-3	Drywell Head Flange	1
X-4	Drywell Head Access Hatch	2
X-6	CRD Removal Hatch	1
SLH-A, H	Shear Lug Access Covers	8
X-202A, H & J, K	Vacuum Relief Access Covers	10
X-213A, B	Torus Drains	2
X-200A, B	Torus Manways	2

*This page intentionally left blank.*



## VYNPS

TABLE 4.7.2 (a)

## PRIMARY CONTAINMENT ISOLATION VALVES

VALVES SUBJECT TO TYPE C LEAKAGE TESTS

Isolation Group (1)	Valve Identification	Number of Power Operated Valves		Maximum Operating Time (sec)	Normal Position	Action on Initiating Signal
		Inboard	Outboard			
1	Main Steam Line Isolation (2-80A, D & 2-86A, D)	4	4	5 (Note 2)	Open	GC
1	Main Steam Line Drain (2-74, 2-77)	1	1	35	Closed	SC
1	Recirculation Loop Sample Line (2-39, 2-40)	1	1	5	Closed	SC
2	RHR Discharge to Radwaste (10-57, 10-66)		2	25	Closed	<del>SC</del> C
2	Drywell Floor Drain (20-82, 20-83)		2	20	Open	GC
2	Drywell Equipment Drain (20-94, 20-95)		2	20	Open	GC
3	Drywell Air Purge Inlet (16-19-9)		1	10	Closed	SC
3	Drywell Air Purge Inlet (16-19-8)		1	10	<del>Closed</del> <u>Open</u>	<del>SC</del> SC
3	Drywell Purge & Vent Outlet (16-19-7A)		1	10	Closed*	SC
3	Drywell Purge & Vent Outlet Bypass (16-19-6A)		1	10	Closed	SC
3	Drywell & Suppression Chamber Main Exhaust (16-19-7)		1	10	Closed*	SC
3	Suppression Chamber Purge Supply (16-19-10)		1	10	Closed	SC
3	Suppression Chamber Purge & Vent Outlet (16-19-7B)		1	10	Closed	SC
3	Suppression Chamber Purge & Vent Outlet Bypass (16-19-6B)		1	10	Open	GC

\* Valves 16-19-7 and 16-19-7A shall have stops installed to limit valve opening to 50° or less.

VYNPS

TABLE 4.7.2.a  
(Cont'd)

PRIMARY CONTAINMENT ISOLATION VALVES

~~VALVES SUBJECT TO TYPE C LEAKAGE TESTS~~

Isolation Group (1)	Valve Identification	Number of Power Operated Valves		Maximum Operating Time (sec)	Normal Position	Action on Initiating Signal
		Inboard	Outboard			
3	Exhaust to Standby Gas Treatment System (16-19-6)		1	10	Open	GC
3	Containment Purge Supply (16-19-23)		1	10	<del>Open</del> Closed	<del>GC</del> SC
3	Containment Purge Makeup (16-20-20, 16-20-22A, 16-20-22B) Supply		3 1	NA	Closed	SC
5	Reactor Cleanup System (12-15, 12-18)	1	1	25	Open	GC
6	HPCI (23-15, 23-16)	1	1	55	Open	GC
6	RCIC (13-15, 13-16)	1	1	20	Open	GC
	Primary/Secondary Vacuum Relief (16-19-11A, 16-19-11B)		-	NA	Closed	SC
	Primary/Secondary Vacuum Relief (16-19-12A, 16-19-12B)		2	NA	Closed	Process
3	Containment Air Sampling (VG 23, VG 26, 109-76A&B)		4	5	Open	GC
	Feedwater Check Valves (V2-27A, -96A, -28A, -28B)			NA	Open	Process
3	Containment Makeup Supply (16-20-20, 16-20-22B)		2	5	open	GC



## VYNPS

TABLE 4.7.2  
(cont'd)

## PRIMARY CONTAINMENT ISOLATION VALVES

VALVES NOT SUBJECT TO TYPE E LEAKAGE TESTS
--

Isolation Group (1)	Valve Identification	Number of Power Operated Valves		Maximum Operating Time (sec)	Normal Position	Action on Initiating Signal
		Inboard	Outboard			
2	RHR Return to Suppression Pool (10-39A, B)		2	70	Closed	SC
2	RHR Return to Suppression Pool (10-34A, B)		2	120	Closed	SC
2	RHR Drywell Spray (10-26A, B & 10-31A, B)		4	70	Closed	SC
2	RHR Suppression Chamber Spray (10-38A, B)		2	45	Closed	SC
3	Containment Air Compressor Suction (72-38A, B)		2	20	Open	GC
4	RHR Shutdown Cooling Supply (10-18, 10-17) Standby Liquid Control Check Valves (11-16, 11-17)	1	1	28	Closed	SC
		1	1	NA	Closed	Proc.
*	Hydrogen Monitoring (109-75 A, 1-4; 109-75 B-D, 1-2) Sampling Valves - Inlet		10	NA	NA	NA
*	Hydrogen Monitoring (VG-24, 25, 33, 34)		4	NA	NA	NA

\* These valves are remote manual sampling valves which do not receive an isolation signal. Only one valve in each line is required to be operable.

BASES: 4.7 (Cont'd)

The maximum allowable test leak rate at the peak accident pressure of 44 psig (La) is 0.80 weight % per day. The maximum allowable test leak rate at the retest pressure of 24 psig (Lt) has been conservatively determined to be 0.59 weight percent per day. This value will be verified to be conservative by actual primary containment leak rate measurements at both 44 psig and 24 psig upon completion of the containment structure.

~~To allow a margin for possible leakage deterioration between test intervals, the maximum allowable operational leak rate (Ltm), which will be met to remain on the normal test schedule, is 0.75 Lt.~~

As most leakage and deterioration of integrity is expected to occur through penetrations, especially those with resilient seals, a periodic leak rate test program of such penetration is conducted at the peak accident pressure of 44 psig to insure not only that the leakage remains acceptably low but also that the sealing materials can withstand the accident pressure.

Primary Containment

The <sup>L</sup> <sup>R</sup> <sup>T</sup> <sup>P</sup> leak rate testing program is based on APC guidelines for development of leak rate testing and surveillance schedules for reactor containment vessels.

Option B to 10 CFR 50, APPENDIX J

Surveillance of the suppression Chamber-Reactor Building vacuum breakers consists of operability checks and leakage tests (conducted as part of the containment leak-tightness tests). These vacuum breakers are normally in the closed position and open only during tests or an accident condition. Operability testing is performed in conjunction with Specification 4.6.E. Inspections and calibrations are performed during the refueling outages; this frequency being based on equipment quality, experience, and engineering judgment.

The ten (10) drywell-suppression vacuum relief valves are designed to open to the full open position (the position that curtain area is equivalent to valve bore) with a force equivalent to a 0.5 psi differential acting on the suppression chamber face of the valve disk. This opening specification assures that the design limit of 2.0 psid between the drywell and external environment is not exceeded. Once each refueling outage each valve is tested to assure that it will open fully in response to a force less than that specified. Also it is inspected to assure that it closes freely and operates properly.

The containment design has been examined to establish the allowable bypass area between the drywell and suppression chamber as 0.12 ft<sup>2</sup>. This is equivalent to one vacuum breaker open by three-eighths of an inch (3/8") as measured at all points around the circumference of the disk or three-fourths of an inch (3/4") as measured at the bottom of the disk when the top of the disk is on the seat. Since these valves open in a manner that is purely neither mode, a conservative allowance of one-half inch (1/2") has been selected as the maximum permissible valve opening. Assuming that permissible valve opening could be evenly divided among all ten vacuum breakers at once, valve open position assumed to indication for an individual valve must be activated less than fifty-thousandths of an inch (0.050") at all points along the seal surface of the disk. Valve closure within this limit may be determined by light indication from two independent position detection and indication systems. Either system provides a control room alarm for a nonseated valve.



VYNPS

4. An evaluation of the change, which shows the predicted releases of radioactive materials in liquid and gaseous effluents and/or quantity of solid waste that differ from those previously predicted in the license application and amendments thereto;
  5. An evaluation of the change, which shows the expected maximum exposures to member(s) of the public at the site boundary and to the general population that differ from those previously estimated in the license application and amendments thereto;
  6. A comparison of the predicted releases of radioactive materials, in liquid and gaseous effluents and in solid waste, to the actual releases for the period prior to when the changes are to be made;
  7. An estimate of the exposure to plant operating personnel as a result of the change; and
  8. Documentation of the fact that the change was reviewed and found acceptable by PORC.
- B. Shall become effective upon review and acceptance by PORC and approval by the Plant Manager.

add

6.15 Primary Containment Leak Rate Testing Program

A program shall be established to implement the leak rate testing of the primary containment as required by 10CFR50.54(o) and 10CFR50, Appendix J, Option B as modified by approved exemptions. This program shall be in accordance with the guidelines contained in Regulatory Guide 1.163, entitled "Performance Based Containment Leak-Test Program," dated September 1995.

The peak calculated containment internal pressure for the design basis loss of coolant accident, Pa, is 44 psig.

The maximum allowable primary containment leak rate, La, at Pa, shall be 0.8% of primary containment air weight per day.

Leak rate acceptance criteria are:

1. Primary containment leak rate acceptance criterion  $\leq 1.0 L_a$ .
2. The as-left primary containment integrated leak rate test (Type A test) acceptance criterion is  $\leq 0.75 L_a$ .
3. The combined local leak rate test (Type B and C tests) acceptance criterion is  $\leq 0.60 L_a$ , calculated on a maximum pathway basis, prior to entering a mode of operation where containment integrity is required.
4. The combined local leak rate test (Type B and C tests) acceptance criterion is  $\leq 0.60 L_a$ , calculated on a minimum pathway basis, at all times when primary containment integrity is required.
5. Airlock overall leak rate acceptance criterion is  $\leq 0.10 L_a$  when tested at  $\geq P_a$ .

The provision of the Definition (1.0.Y) for Surveillance Frequency does not apply to the test frequencies specified in the Primary Containment Leak Rate Testing Program.

3.7 LIMITING CONDITIONS FOR  
OPERATION

- e. Minimum Water Volume - 68,000 cubic feet
  - f. Maximum Water Volume - 70,000 cubic feet
2. Primary containment integrity shall be maintained at all times when the reactor is critical or when the reactor water temperature is above 212°F and fuel is in the reactor vessel except while performing low power physics tests at atmospheric pressure at power levels not to exceed 5 Mw(t).
  3. If a portion of a system that is considered to be an extension of primary containment is to be opened, isolate the affected penetration flow path by use of at least one closed and deactivated automatic valve, closed manual valve or blind flange.
  4. Whenever primary containment is required, the leakage from any one main steam line isolation valve shall not exceed 15.5 scf/hr at 44 psig ( $P_a$ ).

## 4.7 SURVEILLANCE REQUIREMENTS

2. The primary containment integrity shall be demonstrated as required by the Primary Containment Leak Rate Testing Program (PCLRTP).
3. (Blank)
4. The leakage from any one main steam line isolation valve shall not exceed 11.5 scf/hr at 24 psig (Pt). Repair and retest shall be conducted to insure compliance.



### 3.7 LIMITING CONDITIONS FOR OPERATION

---

5. Core spray and LPCI pump lower compartment door openings shall be closed at all times except during passage or when reactor coolant temperature is less than 212°F.

#### D. Primary Containment Isolation Valves

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

### 4.7 SURVEILLANCE REQUIREMENTS

---

5. The core spray and LPCI lower compartment openings shall be checked closed daily.

#### D. Primary Containment Isolation Valves

1. Surveillance of the primary containment isolation valves should be performed as follows:
  - a. The operable isolation valves that are power operated and automatically initiated shall be tested for automatic initiation and the closure times specified in Table 4.7.2 at least once per operating cycle.
  - b. Operability testing of the primary containment isolation valves shall be performed in accordance with Specification 4.6.E.
  - c. At least once per quarter, with the reactor power less than 75 percent of rated, trip all main steam isolation valves (one at a time) and verify closure time.
  - d. At least twice per week, the main steam line isolation valves shall be exercised by partial closure and subsequent reopening.

### 3.7 LIMITING CONDITIONS FOR OPERATION

---

2. In the event any containment isolation valve becomes inoperable, reactor power operation may continue provided at least one containment isolation valve in each line having an inoperable valve is in the mode corresponding to the isolated condition.
3. If Specifications 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 SURVEILLANCE REQUIREMENTS

---

2. Whenever a containment isolation valve is inoperable, the position of at least one other valve in each line having an inoperable valve shall be logged daily.



VYNPS

This page intentionally left blank.

VYNPS

TABLE 4.7.2

PRIMARY CONTAINMENT ISOLATION VALVES

<u>Isolation Group (1)</u>	<u>Valve Identification</u>	<u>Number of Power Operated Valves</u>		<u>Maximum Operating Time (sec)</u>	<u>Normal Position</u>	<u>Action on Initiating Signal</u>
		<u>Inboard</u>	<u>Outboard</u>			
1	Main Steam Line Isolation (2-80A, D & 2-86A, D)	4	4	5 (Note 2)	Open	GC
1	Main Steam Line Drain (2-74, 2-77)	1	1	35	Closed	SC
1	Recirculation Loop Sample Line (2-39, 2-40)	1	1	5	Closed	SC
2	RHR Discharge to Radwaste (10-57, 10-66)		2	25	Closed	SC
2	Drywell Floor Drain (20-82, 20-83)		2	20	Open	GC
2	Drywell Equipment Drain (20-94, 20-95)		2	20	Open	GC
3	Drywell Air Purge Inlet (16-19-9)		1	10	Closed	SC
3	Drywell Air Purge Inlet (16-19-8)		1	10	Closed	SC
3	Drywell Purge & Vent Outlet (16-19-7A)		1	10	Closed*	SC
3	Drywell Purge & Vent Outlet Bypass (16-19-6A)		1	10	Closed	SC
3	Drywell & Suppression Chamber Main Exhaust (16-19-7)		1	10	Closed*	SC
3	Suppression Chamber Purge Supply (16-19-10)		1	10	Closed	SC
3	Suppression Chamber Purge & Vent Outlet (16-19-7B)		1	10	Closed	SC
3	Suppression Chamber Purge & Vent Outlet Bypass (16-19-6B)		1	10	Open	GC

\* Valves 16-19-7 and 16-19-7A shall have stops installed to limit valve opening to 50° or less.



## VYNPS

TABLE 4.7.2  
(Cont'd)PRIMARY CONTAINMENT ISOLATION VALVES

<u>Isolation Group (1)</u>	<u>Valve Identification</u>	<u>Number of Power Operated Valves</u>		<u>Maximum Operating Time (sec)</u>	<u>Normal Position</u>	<u>Action on Initiating Signal</u>
		<u>Inboard</u>	<u>Outboard</u>			
3	Exhaust to Standby Gas Treatment System (16-19-6)		1	10	Open	GC
3	Containment Purge Supply (16-19-23)		1	10	Closed	SC
3	Containment Makeup Supply (16-20-22A)		1	NA	Closed	SC
3	Containment Makeup Supply (16-20-20, 16-20-22B)		2	5	Open	GC
5	Reactor Cleanup System (12-15, 12-18)	1	1	25	Open	GC
6	HPCI (23-15, 23-16)	1	1	55	Open	GC
6	RCIC (13-15, 13-16)	1	1	20	Open	GC
	Primary/Secondary Vacuum Relief (16-19-11A, 16-19-11B)		2	NA	Closed	SC
	Primary/Secondary Vacuum Relief (16-19-12A, 16-19-12B)		2	NA	Closed	Process
3	Containment Air Sampling (VG 23, VG 26, 109-76A&B)		4	5	Open	GC
	Feedwater Check Valves (V2-27A, -96A, -28A, -28B)			NA	Open	Process

## VYNPS

TABLE 4.7.2  
(Cont'd)PRIMARY CONTAINMENT ISOLATION VALVES

Isolation Group (1)	Valve Identification	Number of Power Operated Valves		Maximum Operating Time (sec)	Normal Position	Action on Initiating Signal
		Inboard	Outboard			
2	RHR Return to Suppression Pool (10-39A, B)		2	70	Closed	SC
2	RHR Return to Suppression Pool (10-34A, B)		2	120	Closed	SC
2	RHR Drywell Spray (10-26A, B & 10-31A, B)		4	70	Closed	SC
2	RHR Suppression Chamber Spray (10-38A, B)		2	45	Closed	SC
3	Containment Air Compressor Suction (72-38A, B)		2	20	Open	GC
4	RHR Shutdown Cooling Supply (10-18, 10-17)	1	1	28	Closed	SC
	Standby Liquid Control Check Valves (11-16, 11-17)	1	1	NA	Closed	Proc.
*	Hydrogen Monitoring (109-75 A, 1-4; 109-75 B-D, 1-2) Sampling Valves - Inlet		10	NA	NA	NA
*	Hydrogen Monitoring (VG-24, 25, 33, 34)		4	NA	NA	NA

\* These valves are remote manual sampling valves which do not receive an isolation signal. Only one valve in each line is required to be operable.



BASES: 4.7 (Cont'd)

The maximum allowable test leak rate at the peak accident pressure of 44 psig (La) is 0.80 weight % per day. The maximum allowable test leak rate at the retest pressure of 24 psig (Lt) has been conservatively determined to be 0.59 weight percent per day. This value will be verified to be conservative by actual primary containment leak rate measurements at both 44 psig and 24 psig upon completion of the containment structure.

As most leakage and deterioration of integrity is expected to occur through penetrations, especially those with resilient seals, a periodic leak rate test program of such penetration is conducted at the peak accident pressure of 44 psig to insure not only that the leakage remains acceptably low but also that the sealing materials can withstand the accident pressure.

The Primary Containment Leak Rate Testing Program is based on Option B to 10CFR50, Appendix J, for development of leak rate testing and surveillance schedules for reactor containment vessels.

Surveillance of the suppression Chamber-Reactor Building vacuum breakers consists of operability checks and leakage tests (conducted as part of the containment leak-tightness tests). These vacuum breakers are normally in the closed position and open only during tests or an accident condition. Operability testing is performed in conjunction with Specification 4.6.E. Inspections and calibrations are performed during the refueling outages; this frequency being based on equipment quality, experience, and engineering judgment.

The ten (10) drywell-suppression vacuum relief valves are designed to open to the full open position (the position that curtain area is equivalent to valve bore) with a force equivalent to a 0.5 psi differential acting on the suppression chamber face of the valve disk. This opening specification assures that the design limit of 2.0 psid between the drywell and external environment is not exceeded. Once each refueling outage each valve is tested to assure that it will open fully in response to a force less than that specified. Also it is inspected to assure that it closes freely and operates properly.

The containment design has been examined to establish the allowable bypass area between the drywell and suppression chamber as 0.12 ft<sup>2</sup>. This is equivalent to one vacuum breaker open by three-eighths of an inch (3/8") as measured at all points around the circumference of the disk or three-fourths of an inch (3/4") as measured at the bottom of the disk when the top of the disk is on the seat. Since these valves open in a manner that is purely neither mode, a conservative allowance of one-half inch (1/2") has been selected as the maximum permissible valve opening. Assuming that permissible valve opening could be evenly divided among all ten vacuum breakers at once, valve open position assumed to indication for an individual valve must be activated less than fifty-thousandths of an inch (0.050") at all points along the seal surface of the disk. Valve closure within this limit may be determined by light indication from two independent position detection and indication systems. Either system provides a control room alarm for a nonseated valve.

4. An evaluation of the change, which shows the predicted releases of radioactive materials in liquid and gaseous effluents and/or quantity of solid waste that differ from those previously predicted in the license application and amendments thereto;
  5. An evaluation of the change, which shows the expected maximum exposures to member(s) of the public at the site boundary and to the general population that differ from those previously estimated in the license application and amendments thereto;
  6. A comparison of the predicted releases of radioactive materials, in liquid and gaseous effluents and in solid waste, to the actual releases for the period prior to when the changes are to be made;
  7. An estimate of the exposure to plant operating personnel as a result of the change; and
  8. Documentation of the fact that the change was reviewed and found acceptable by PORC.
- B. Shall become effective upon review and acceptance by PORC and approval by the Plant Manager.

#### 6.15 Primary Containment Leak Rate Testing Program

A program shall be established to implement the leak rate testing of the primary containment as required by 10CFR50.54(o) and 10CFR50, Appendix J, Option B as modified by approved exemptions. This program shall be in accordance with the guidelines contained in Regulatory Guide 1.163, entitled "Performance Based Containment Leak-Test Program," dated September 1995.

The peak calculated containment internal pressure for the design basis loss of coolant accident, Pa, is 44 psig.

The maximum allowable primary containment leak rate, La, at Pa, shall be 0.8% of primary containment air weight per day.

Leak rate acceptance criteria are:

1. Primary containment leak rate acceptance criterion  $\leq 1.0 L_a$ .
2. The as-left primary containment integrated leak rate test (Type A test) acceptance criterion is  $\leq 0.75 L_a$ .
3. The combined local leak rate test (Type B and C tests) acceptance criterion is  $\leq 0.60 L_a$ , calculated on a maximum pathway basis, prior to entering a mode of operation where containment integrity is required.
4. The combined local leak rate test (Type B and C tests) acceptance criterion is  $\leq 0.60 L_a$ , calculated on a minimum pathway basis, at all times when primary containment integrity is required.
5. Airlock overall leak rate acceptance criterion is  $\leq 0.10 L_a$  when tested at  $\geq P_a$ .

The provision of the Definition (1.0.Y) for Surveillance Frequency does not apply to the test frequencies specified in the Primary Containment Leak Rate Testing Program.