

ENCLOSURE 1
TECHNICAL SPECIFICATION CHANGES

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LIMITING CONDITIONS FOR OPERATION AND SURVEILLANCE REQUIREMENTS

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100 scf per hour for any one main steam isolation valve and a combined maximum pathway leakage rate of ≤ 300

CONTAINMENT SYSTEMS

PRIMARY CONTAINMENT LEAKAGE

LIMITING CONDITION FOR OPERATION

3.6.1.2 Primary containment leakage rates shall be limited to:

- a. An overall integrated leakage rate of less than or equal to L_a , 1.0 percent by weight of the containment air per 24 hours at P_a , 45.0 psig.
- b. A combined leakage rate of less than or equal to $0.60 L_a$ for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C tests when pressurized to P_a , 45.0 psig.
- c. *Less than or equal to ~~46~~ scf per hour for all four main steam lines through the isolation valves when tested at P_c , 22.5 psig.
- d. *Less than or equal to 1.2 scf per hour for any one main steam line drain valve when tested at P_a , 45.0 psig.
- e. A combined leakage rate of less than or equal to 3.3 gpm for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment, when tested at 1.10 Pa, 49.5 psig.

APPLICABILITY: When PRIMARY CONTAINMENT INTEGRITY is required per Specification 3.6.1.1.

ACTION:

With:

- a. The measured overall integrated primary containment leakage rate exceeding $0.75 L_a$, or
- b. The measured combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C tests exceeding $0.60 L_a$, or
- c. The measured leakage rate exceeding ~~46~~ scf per hour for all four main steam lines through the isolation valves, or
- d. The measured leak rate exceeding 1.2 scf per hour for any one main steam line drain valve, or
- e. The measured combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment exceeding 3.3 gpm,

*Exemption to Appendix "J" of 10 CFR 50.

100 scf per hour for any one main steam isolation valve or a total maximum pathway leakage rate of > 300 .



(11.5 scf per hour for any main steam isolation valve that exceeds 100 scf per hour, and restore the combined maximum pathway leakage rate to ≤ 300

CONTAINMENT SYSTEMS

LIMITING CONDITION FOR OPERATION (Continued)

ACTION (Continued)

restore:

- a. The overall integrated leakage rate to less than or equal to $0.75 L_p$ and
- b. The combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C tests to less than or equal to $0.60 L_p$ and
- c. The leakage rate to less than or equal to ~~4.6~~ 1.2 scf per hour for all four main steam lines through the isolation valves, and
- d. The leakage rate to less than or equal to 1.2 scf per hour for any one main steam line drain valve, and
- e. The combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment to less than or equal to 3.3 gpm,

prior to increasing reactor coolant system temperature above 200°F.

SURVEILLANCE REQUIREMENTS

- 4.6.1.2 The primary containment leakage rates shall be demonstrated at the following test schedule and shall be determined in conformance with the criteria specified in Appendix J of 10 CFR 50 using the methods and provisions of ANSI N45.4 - 1972:
- a. Three Type A Overall Integrated Containment Leakage Rate tests shall be conducted at 40 ± 10 month intervals during shutdown at P_c , 45.0 psig, during each 10-year service period.²
 - b. If any periodic Type A test fails to meet $.75 L_p$, the test schedule for subsequent Type A tests shall be reviewed and approved by the Commission. If two consecutive Type A tests fail to meet $.75 L_p$, a Type A test shall be performed at least every 18 months until two consecutive Type A tests meet $.75 L_p$, at which time the above test schedule may be resumed.
 - c. The accuracy of each Type A test shall be verified by a supplemental test which:
 1. Confirms the accuracy of the test by verifying that the difference between the supplemental data and the Type A test data is within $0.25 L_p$.
 2. Has duration sufficient to establish accurately the change in leakage rate between the Type A test and the supplemental test.
 3. Requires the quantity of gas injected into the containment or bled from the containment during the supplemental test to be equivalent to at least 25 percent of the total measured leakage at P_c , 45.0 psig.

² Exemption to Appendix J of 10CFR50.

CONTAINMENT SYSTEMS

MSIV LEAKAGE CONTROL SYSTEM

LIMITING CONDITION FOR OPERATION

~~3.6.1.4 Two independent MSIV leakage control system (LGS) subsystems shall be OPERABLE.~~

~~APPLICABILITY: OPERATIONAL CONDITIONS 1, 2 and 3.~~

~~ACTION:~~

~~With one MSIV leakage control system subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 30 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.~~

SURVEILLANCE REQUIREMENTS

DELET

~~4.6.1.4 Each MSIV leakage control system subsystem shall be demonstrated OPERABLE:~~

~~a. At least once per 31 days by:~~

- ~~1. Starting the blower(s) from the control room and operating the blower(s) for at least 15 minutes.~~
- ~~2. Energizing the heaters and verifying a temperature rise indicating heater operation on downstream piping.~~

~~b. At least once per 18 months by:~~

- ~~1. Performance of a functional test which includes simulated actuation of the subsystem throughout its operating sequence, and verifying that each interlock and timer operates as designed, each automatic valve actuates to its correct position and the blower starts.~~

~~2. Verifying that the blower develops at least the below required vacuum at the rated capacity:~~

- ~~a) Inboard valves, 15" H₂O at 100 scfm.~~
- ~~b) Outboard valves, 60" H₂O at 200 scfm.~~

~~c. By verifying the operating instrumentation to be OPERABLE by performance of a:~~

- ~~1. CHANNEL CHECK at least once per 24 hours,~~
- ~~2. CHANNEL FUNCTIONAL TEST at least once per 31 days, and~~
- ~~3. CHANNEL CALIBRATION at least once per 18 months.~~

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

Valve Function and Number	Maximum Isolation Time (Seconds)	Isolation Signal(s) (a)
Automatic Isolation Valves (Continued)		
<u>Suppression Pool Cleanup</u> ^(b)		
HV-15768	30	B, Z
HV-15768	30	B, Z
<u>HPCI Vacuum Breaker</u>		
HV-155F075	15	LB, Z
HV-155F079	15	LB, Z
<u>RCIC Vacuum Breaker</u>		
HV-149F082	10	KB, Z
HV-149F084	10	KB, Z
<u>TIP Ball Valves</u> ^(d)		
C51-J004 A, B, C, D, E	5	A, Z
<u>Containment Radiation Detection System</u>		
SV-157100 A, B	N/A	(f)
SV-157101 A, B	N/A	(f)
SV-157102 A, B	N/A	(f)
SV-157103 A, B	N/A	(f)
SV-157104	N/A	(f)
SV-157105	N/A	(f)
SV-157106	N/A	(f)
SV-157107	N/A	(f)
b. <u>Manual Isolation Valves</u>		
MSIV LCS Bleed Valve		
HV-138F001 B, F, K, P	DELETE	
<u>Feedwater</u> ^(e)		
HV-141F032 A, B		
<u>RWCU Return</u>		
HV-14182 A, B		
<u>RCIC Injection</u>		
HV-149F013		
1-49-020		

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

VALVE FUNCTION AND NUMBER

Excess Flow Check Valves (Continued)

Reactor Recirculation

XV-143F003 A,B.
XV-143F004 A,B
XV-143F009 A,B,C,D
XV-143F010 A,B,C,D
XV-143F011 A,B,C,D
XV-143F012 A,B,C,D
XV-143F040 A,B,C,D
XV-143F057 A,B

Nuclear Boiler Vessel Instrument

XV-142F041
XV-142F043 A,B
XV-142F045 A,B
XV-142F047 A,B
XV-142F051 A,B,C,D
XV-142F053 A,B,C,D
XV-142F055
XV-142F057
XV-142F059 A,B,C,D,E,F,G,H,L,M,N,P,R,S,T,U
XV-142F061
XV-14201
XV-14202

Nuclear Boiler

XV-141F070 A,B,C,D
XV-141F071 A,B,C,D
XV-141F072 A,B,C,D
XV-141F073 A,B,C,D
XV-141F009

~~MSIVLES~~

~~XV-13910 B,F,K,P~~

DELETE



TABLE 3.8.4.2.1-1 (Continued)

MOTOR OPERATED VALVES THERMAL OVERLOAD PROTECTION CONTINUOUS

<u>VALVE NUMBER</u>	<u>SYSTEM(S) AFFECTED</u>
HV-E11-1F0288	RHR
HV-E11-1F0478	RHR
HV-E11-1F0168	RHR
HV-E11-1F0038	RHR
HV-E11-1F0178	RHR
HV-E21-1F0318	RHR
HV-E21-1F0018	CS
HV-E11-1F1038	CS
HV-E11-1F0758	RHR
HV-E11-1F0738	RHR
HV-E11-1F0060	RHR
HV-E11-1F0040	RHR
HV-E11-1F0248	RHR
HV-E21-1F0158	RHR
HV-E21-1F0048	CS
HV-E21-1F0058	CS
HV-E32-1F001K	MSIV
HV-E32-1F002K	MSIV
HV-E32-1F003K	MSIV
HV-E32-1F001P	MSIV
HV-E32-1F002P	MSIV
HV-E32-1F003P	MSIV
HV-E32-1F001B	MSIV
HV-E32-1F002B	MSIV
HV-E32-1F003B	MSIV
HV-E32-1F001F	MSIV
HV-E32-1F002F	MSIV
HV-E32-1F003F	MSIV
HV-E32-1F006	MSIV
HV-E32-1F007	MSIV
HV-E32-1F008	MSIV
HV-E32-1F009	MSIV
HV-E51-1F045	RCIC
HV-E51-1F012	RCIC
HV-E51-1F013	RCIC
HV-15012	RCIC
HV-E51-1F046	RCIC
HV-E51-1F008	RCIC
HV-E51-1F031	RCIC
HV-E51-1F010	RCIC

DELETE

3/4.6 CONTAINMENT SYSTEMS

BASES

3/4.6.1 PRIMARY CONTAINMENT

3/4.6.1.1 PRIMARY CONTAINMENT INTEGRITY

PRIMARY CONTAINMENT INTEGRITY ensures that the release of radioactive materials from the containment atmosphere will be restricted to those leakage paths and associated leak rates assumed in the accident analyses. This restriction, in conjunction with the leakage rate limitation, will limit the site boundary radiation doses to within the limits of 10 CFR Part 100 during accident conditions.

3/4.6.1.2 PRIMARY CONTAINMENT LEAKAGE

The limitations on primary containment leakage rates ensure that the total containment leakage volume will not exceed the value assumed in the accident analyses at the peak accident pressure of 45.0 psig, P_a . As an added conservatism, the measured overall integrated leakage rate is further limited to less than or equal to $0.75 L_a$ during performance of the periodic tests to account for possible degradation of the containment leakage barriers between leakage tests.

Operating experience with main steam line isolation valves and main steam line drain valves has indicated that degradation has occasionally occurred in the leak tightness of the valves; therefore the special requirement for testing these valves.

The surveillance testing for measuring leakage rates is consistent with the requirements of Appendix "J" of 10 CFR Part 50 with the exception of exemptions granted for main steam isolation and drain valve leak testing and testing the airlocks after each opening.

The frequency for performing the Type A tests is consistent with the requirements of 10CFR50 Appendix "J" with the exception of the exemption granted to the scheduler requirements of Section III.D.1(a).

3/4.6.1.3 PRIMARY CONTAINMENT AIR LOCKS

The limitations on closure and leak rate for the primary containment air locks are required to meet the restrictions on PRIMARY CONTAINMENT INTEGRITY and the primary containment leakage rate given in Specifications 3.6.1.1 and 3.6.1.2. The specification makes allowances for the fact that there may be long periods of time when the air locks will be in a closed and secured position during reactor operation. Only one closed door in each air lock is required to maintain the integrity of the containment.

3/4.6.1.4 MSIV LEAKAGE CONTROL SYSTEM

~~Calculated doses resulting from the maximum leakage allowance for the main steamline isolation valves in the postulated LOCA situations would be a small fraction of the 10 CFR 100 guidelines, provided the main steam line system from the isolation valves up to and including the turbine condenser remains intact. Operating experience has indicated that degradation has occasionally occurred in the leak tightness of the MSIV's such that the specified leakage requirements have not always been maintained continuously. The requirement for the leakage control system will reduce the untreated leakage from the MSIVs when isolation of the primary system and containment is required.~~

DELETE

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100 scf per hour for any one mainsteam isolation valve and a combined maximum pathway leakage rate of ≤ 300

CONTAINMENT SYSTEMS

PRIMARY CONTAINMENT LEAKAGE

LIMITING CONDITION FOR OPERATION

3.6.1.2 Primary containment leakage rates shall be limited to:

- a. An overall integrated leakage rate of less than or equal to L_a , 1.0 percent by weight of the containment air per 24 hours at P_a , 45.0 psig.
- b. A combined leakage rate of less than or equal to $0.60 L_a$ for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C test; when pressurized to P_a , 45.0 psig.
- c. *Less than or equal to 46 scf per hour for all four main steam lines through the isolation valves when tested at P_c , 22.5 psig.
- d. *Less than or equal to 1.2 scf per hour for any one main steam line drain valve when tested at P_a , 45.0 psig.
- e. A combined leakage rate of less than or equal to 3.3 gpm for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment, when tested at 1.10 Pa, 49.5 psig.

APPLICABILITY: When PRIMARY CONTAINMENT INTEGRITY is required per Specification 3.6.1.1.

ACTION:

With:

- a. The measured overall integrated primary containment leakage rate exceeding $0.75 L_a$, or
- b. The measured combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C tests exceeding $0.60 L_a$, or
- c. The measured leakage rate exceeding 46 scf per hour for all four main steam lines through the isolation valves, or
- d. The measured leak rate exceeding 1.2 scf per hour for any one main steam line drain valve, or
- e. The measured combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment exceeding 3.3 gpm,

*Exemption to Appendix "J" of 10 CFR 50.

100 scf per hour for any one main steam isolation valve or a total maximum pathway leakage rate of > 300

11.5 scf per hour for any main steam isolation valve that exceeds 100 scf per hour, and restore the combined maximum pathway leakage rate to ≤ 300

CONTAINMENT SYSTEMS

LIMITING CONDITION FOR OPERATION (Continued)

ACTION (Continued)

restore:

- a. The overall integrated leakage rate to less than or equal to $0.75 L_p$, and
- b. The combined leakage rate for all penetrations and all valves listed in Table 3.6.3-1, except for main steam line isolation valves*, main steam line drain valves* and valves which are hydrostatically leak tested per Table 3.6.3-1, subject to Type B and C tests to less than or equal to $0.60 L_p$, and
- c. The leakage rate to less than or equal to 46 scf per hour for all four main steam lines through the isolation valves, and
- d. The leakage rate to less than or equal to 1.2 scf per hour for any one main steam line drain valve, and
- e. The combined leakage rate for all containment isolation valves in hydrostatically tested lines which penetrate the primary containment to less than or equal to 3.3 gpm,

prior to increasing reactor coolant system temperature above 200°F.

SURVEILLANCE REQUIREMENTS

- 4.6.1.2 The primary containment leakage rates shall be demonstrated at the following test schedule and shall be determined in conformance with the criteria specified in Appendix J of 10 CFR 50 using the methods and provisions of ANSI N45.4 - 1972:
- a. Three Type A Overall Integrated Containment Leakage Rate tests shall be conducted at 40 ± 10 month intervals during shutdown at P_r , 45.0 psig, during each 10-year service period.⁸
 - b. If any periodic Type A test fails to meet $.75 L_p$, the test schedule for subsequent Type A tests shall be reviewed and approved by the Commission. If two consecutive Type A tests fail to meet $.75 L_p$, a Type A test shall be performed at least every 18 months until two consecutive Type A tests meet $.75 L_p$, at which time the above test schedule may be resumed.
 - c. The accuracy of each Type A test shall be verified by a supplemental test which:
 1. Confirms the accuracy of the test by verifying that the difference between the supplemental data and the Type A test data is within $0.25 L_p$.
 2. Has duration sufficient to establish accurately the change in leakage rate between the Type A test and the supplemental test.
 3. Requires the quantity of gas injected into the containment or bled from the containment during the supplemental test to be equivalent to at least 25 percent of the total measured leakage at P_r , 45.0 psig.

⁸ Exemption to Appendix J of 10CFR50.

CONTAINMENT SYSTEMS

MSIV LEAKAGE CONTROL SYSTEM

LIMITING CONDITION FOR OPERATION

~~3.6.1.4 Two independent MSIV leakage control system (LCS) subsystems shall be OPERABLE.~~

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

ACTION:

With one MSIV leakage control system subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 30 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

SURVEILLANCE REQUIREMENTS

DELETE

~~4.6.1.4 Each MSIV leakage control system subsystem shall be demonstrated OPERABLE:~~

- ~~a. At least once per 31 days by:
 - ~~1. Starting the blower(s) from the control room and operating the blower(s) for at least 15 minutes.~~
 - ~~2. Energizing the heaters and verifying a temperature rise indicating heater operation on downstream piping.~~~~
- ~~b. At least once per 18 months by:
 - ~~1. Performance of a functional test which includes simulated actuation of the subsystem throughout its operating sequence, and verifying that each interlock and timer operates as designed, each automatic valve actuates to its correct position and the blower starts.~~
 - ~~2. Verifying that the blower develops at least the below required vacuum at the rated capacity:
 - ~~a) Inboard valves, 15" H₂O at 100 scfm.~~
 - ~~b) Outboard valves, 60" H₂O at 200 scfm.~~~~~~
- ~~c. By verifying the operating instrumentation to be OPERABLE by performance of a:
 - ~~1. CHANNEL CHECK at least once per 24 hours,~~
 - ~~2. CHANNEL FUNCTIONAL TEST at least once per 31 days, and~~
 - ~~3. CHANNEL CALIBRATION at least once per 18 months.~~~~

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

Valve Function and Number	Maximum Isolation Time (Seconds)	Isolation Signal(s) ^(a)
AUTOMATIC ISOLATION VALVES (CONTINUED)		
SUPPRESSION POOL CLEANUP^(b)		
HV-25766	35	B,Z
HV-25768	30	B,Z
HPCI VACUUM BREAKER		
HV-255F075	15	LB,Z
HV-255F079	15	LB,Z
RCIC VACUUM BREAKER		
HV-249F062	10	KB,Z
HV-249F084	10	KB,Z
TIP BALL VALVES ^(d)		
C51-J004 A,B,C,D,E	5	A,Z
CONTAINMENT RADIATION DETECTION SYSTEM		
SV-257100 A,B	N/A	(f)
SV-257101 A,B	N/A	(f)
SV-257102 A,B	N/A	(f)
SV-257103 A,B	N/A	(f)
SV-257104	N/A	(f)
SV-257105	N/A	(f)
SV-257106	N/A	(f)
SV-257107	N/A	(f)
b. MANUAL ISOLATION VALVES		
MSIV-LCS Bleed Valve DELETE		
HV-238F001 B,F,K,P DELETE		
FEEDWATER^(e)		
HV-241F032 A,B		
RWCU RETURN		
HV-24182 A,B		
RCIC INJECTION		
HV-249F013		
2-49-020		

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

VALVE FUNCTION AND NUMBER

Excess Flow Check Valves (Continued)

Reactor Recirculation

XV-243F003 A,B
XV-243F004 A,B
XV-243F009 A,B,C,D
XV-243F010 A,B,C,D
XV-243F011 A,B,C,D
XV-243F012 A,B,C,D
XV-243F040 A,B,C,D
XV-243F057 A,B

Nuclear Boiler Vessel Instrument

XV-242F041
XV-242F043 A,B
XV-242F045 A,B
XV-242F047 A,B
XV-242F051 A,B,C,D
XV-242F053 A,B,C,D
XV-242F055
XV-242F057
XV-242F059 A,B,C,D,E,F,G,H,L,M,N,P,R,S,T,U
XV-242F061
XV-24201
XV-24202

Nuclear Boiler

XV-241F070 A,B,C,D
XV-241F071 A,B,C,D
XV-241F072 A,B,C,D
XV-241F073 A,B,C,D
XV-241F009

~~MSIVLGS~~

DELETE

~~XV-23910 B,F,K,P~~



TABLE 3.8.4.2.1-1 (Continued)

MOTOR-OPERATED VALVES THERMAL OVERLOAD PROTECTION CONTINUOUS

<u>VALVE NUMBER</u>	<u>SYSTEM(S) AFFECTED</u>
HV-E11-2F0218	RHR
HV-E11-2F0108	RHR
HV-E11-2F0048	RHR
HV-E11-2F0078	RHR
HV-E11-2F1048	RHR
HV-E11-2F0268	RHR
HV-E11-2F0288	RHR
HV-E11-2F0478	RHR
HV-E11-2F0168	RHR
HV-E11-2F0038	RHR
HV-E11-2F0178	RHR
HV-E21-2F0318	RHR
HV-E21-2F0018	CS
HV-E11-2F1038	CS
HV-E11-2F0758	RHR
HV-E11-2F0738	RHR
HV-E11-2F006D	RHR
HV-E11-2F004D	RHR
HV-E11-2F0248	RHR
HV-E21-2F0158	RHR
HV-E21-2F0048	CS
HV-E21-2F0058	CS
HV-E32-2F001K	MSIV
HV-E32-2F002K	MSIV
HV-E32-2F003K	MSIV
HV-E32-2F001P	MSIV
HV-E32-2F002P	MSIV
HV-E32-2F003P	MSIV
HV-E32-2F001B	MSIV
HV-E32-2F002B	MSIV
HV-E32-2F003B	MSIV
HV-E32-2F001F	MSIV
HV-E32-2F002F	MSIV
HV-E32-2F003F	MSIV
HV-E32-2F006	MSIV
HV-E32-2F007	MSIV
HV-E32-2F008	MSIV
HV-E32-2F009	MSIV
HV-E51-2F045	RCIC
HV-E51-2F012	RCIC
HV-E51-2F013	RCIC
HV-25012	RCIC

DELETE

3/4.6 CONTAINMENT SYSTEMS

BASES

3/4.6.1 PRIMARY CONTAINMENT

3/4.6.1.1 PRIMARY CONTAINMENT INTEGRITY

PRIMARY CONTAINMENT INTEGRITY ensures that the release of radioactive materials from the containment atmosphere will be restricted to those leakage paths and associated leak rates assumed in the accident analyses. This restriction, in conjunction with the leakage rate limitation, will limit the site boundary radiation doses to within the limits of 10 CFR Part 100 during accident conditions.

3/4.6.1.2 PRIMARY CONTAINMENT LEAKAGE

The limitations on primary containment leakage rates ensure that the total containment leakage volume will not exceed the value assumed in the accident analyses at the peak accident pressure of 45.0 psig, P_a . As an added conservatism, the measured overall integrated leakage rate is further limited to less than or equal to $0.75 L_p$ during performance of the periodic tests to account for possible degradation of the containment leakage barriers between leakage tests.

Operating experience with main steam line isolation valves and main steam line drain valves has indicated that degradation has occasionally occurred in the leak tightness of the valves; therefore the special requirement for testing these valves.

The surveillance testing for measuring leakage rates is consistent with the requirements of Appendix "J" of 10 CFR Part 50 with the exception of exemptions granted for main steam isolation and drain valve leak testing and testing the airlocks after each opening.

The frequency for performing the Type A tests is consistent with the requirements of 10CFR50 Appendix "J" with the exception of the exemption granted to the scheduler requirements of Section III.D.1(a).

3/4.6.1.3 PRIMARY CONTAINMENT AIR LOCKS

The limitations on closure and leak rate for the primary containment air locks are required to meet the restrictions on PRIMARY CONTAINMENT INTEGRITY and the primary containment leakage rate given in Specifications 3.6.1.1 and 3.6.1.2. The specification makes allowances for the fact that there may be long periods of time when the air locks will be in a closed and secured position during reactor operation. Only one closed door in each air lock is required to maintain the integrity of the containment.

3/4.6.1.4 MSIV LEAKAGE CONTROL SYSTEM

~~Calculated doses resulting from the maximum leakage allowance for the main steamline isolation valves in the postulated LOCA situations would be a small fraction of the 10 CFR 100 guidelines, provided the main steam line system from the isolation valves up to and including the turbine condenser remains intact. Operating experience has indicated that degradation has occasionally occurred in the leak tightness of the MSIV's such that the specified leakage requirements have not always been maintained continuously. The requirement for the leakage control system will reduce the untreated leakage from the MSIVs when isolation of the primary system and containment is required.~~ DELETE