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TABLE 3.6-1

CONTAINMENT LEAKAGE PATHS

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
7	Makeup Water	Gate (I-MV-15-1) Check (I-V-15-1347)	Outside Inside	Primary Makeup Water	Bypass
8	Station Air	Globe (I-V-18-947) Globe (I-V-18-947)	Outside Outside	Station Air Supply	Bypass
9	Instrument Air	Gate (I-MV-18-1) Check (I-V-18-957)	Outside Inside	Instrument Air Supply	Bypass
10	Containment Purge	Butterfly (I-FCV-25-4) Butterfly (I-FCV-25-5)	Inside Outside	Containment Purge Exhaust	Type C
11	Containment Purge	Butterfly (I-FCV-25-3) Butterfly (I-FCV-25-2)	Inside Outside	Containment Purge Supply	Type C
14	Waste Management	Globe (V-6741) Check (V-6779)	Outside Outside	Nitrogen supply to SI Tanks	Bypass
23	Component Cooling	Butterfly (I-HCV-14-7) Butterfly (I-HCV-14-1)	Outside Outside	RC Pump CW supply	Bypass
24	Component Cooling	Butterfly (I-HCV-14-6) Butterfly (I-HCV-14-2)	Outside Outside	RC Pump CW Return	Bypass
25	Fuel Transfer Tube	Double Gasket Flange	Inside	Fuel Transfer	Bypass
26	CVCS	Globe (V-2515) Globe (V-2516)	Inside Inside	Letdown Line	Bypass
28	Sampling	Globe (V-5200) Globe (V-5203) Globe (I-FCV-03-1E) Globe (I-FCV-03-1F)	Outside Outside Outside Outside	Reactor Coolant Sample SI Tank Sample SI Tank Sample	Bypass Bypass

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Amendment No.

11-11-11

TABLE 3.6-1 (Continued)

<u>Penetration</u>	<u>System</u>	<u>Valve Tag Number</u>	<u>Location to Containment</u>	<u>Service</u>	<u>Test Type*</u>
4	Feedwater Steel Containment Nozzles	Tap 1 Tap 2	Outside Outside	Expansion Bellows	Type B
25	Fuel Tube Steel Containment Nozzle	Tap 1	Inside	Expansion Bellows	Type B

* Type C and bypass tests are conducted in the same manner, the only difference is in the acceptance criteria that is applicable.

** In accordance with Specification 4.6.1.3.b.

SAFETY EVALUATION FOR CESSATION OF PENETRATION 25 .
ANNULUS EXPANSION BELLOWS LEAK TESTING

The cessation of leak testing the fuel transfer tube annulus expansion bellows for Penetration 25 does not involve an unreviewed safety question because:

1. a. The probability of occurrence of an accident previously evaluated in the FSAR has not been affected since containment penetrations are not considered in determining the probability of accidents.
 - b. The consequences of an accident previously evaluated in the FSAR have not been affected since the containment boundaries are (1) the double "o" rings on the fuel transfer tube flange and (2) the double bellows on the portion of the fuel transfer tube between the refueling cavity wall and the containment vessel. Thus, containment integrity will remain even if failure of the annulus expansion bellows on the fuel transfer tube guard pipe is assumed.
 - c. The probability of malfunction of equipment important to safety previously evaluated in the FSAR has not been affected since the fuel transfer tube annulus expansion bellows has no effect on operation or operability of any piece of equipment important to safety.
 - d. The consequences of malfunction of equipment important to safety previously evaluated in the FSAR have not been affected for the reasons presented in (b) above.
2. a. The possibility of an accident of a different type than analyzed in the FSAR has not been created for the reasons given in 1 b. and c.
 - b. The probability of malfunction of a different type than any analyzed in the FSAR has not been increased for the reasons given in 1 c.
3. The margin of safety as defined in the basis for any Technical Specification has not been decreased since containment integrity will be proven by testing the double "o" rings on the fuel transfer tube flange and the double bellows between the refueling cavity wall and the containment vessel. Testing of the annulus expansion bellows is not required to demonstrate containment integrity.





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