

TABLE 3.6-2
CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION VALVE NUMBER</u>	<u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME (seconds)</u>
16	RC1719A	Containment Vessel Vent Header	10
16	RC1719B	Containment Vessel Vent Header	10
18 #	SS598	Steam Generator Secondary Water Sample Line	10
19	MU33	Normal RCS Makeup Line	10
19 #	HP2A	High Pressure Injection Line	15
20 #	HP2B	High Pressure Injection Line	15
21	DW6831A	Demineralized Water Supply Line	10
21	DW6831B	Demineralized Water Supply Line	10
22 #	HP2D	High Pressure Injection Line	15
25	CS1531	Containment Spray Line	35
26	CS1530	Containment Spray Line	35
30 #	DH9A	Containment Sump Emergency Recirc Line	71
31 #	DH9B	Containment Sump Emergency Recirc Line	71
32	RC1773A	RCS Drain to RC Drain Tank	10
32	RC1773B	RCS Drain to RC Drain Tank	10
37 #	FW601	Main Feedwater Line	15
38 #	FW612	Main Feedwater Line	15
39 #	MS100	Main Steam Line	5
**39 #	ICS11A	Main Steam Line	10
39 #	MS375	Main Steam Line	10
39 #	MS100-1	Main Steam Line	10
40 #	MS101	Main Steam Line	5
**40 #	ICS11B	Main Steam Line	10
40 #	MS394	Main Steam Line	10
40 #	MS101-1	Main Steam Line	10

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CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION VALVE NUMBER</u>	<u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME (seconds)</u>
41	RC232	Pressurizer Quench Tank Circulating Inlet Line	10
42A	SA2010	Service Air Supply Line	10
42B	CV5010E	Containment Vessel Air Sample Return	15
43A	IA2011	Instrument Air Supply Line	10
43B	CV5011E	Containment Vessel Air Sample Return	15
44A	CF1541	Core Flood Tank Fill and N2 Supply Line	10
44B	NN236	Pressurizer Quench Tank N2 Supply Line	10
CF 1545	47A	CF 1545 Core Flood Tank Sample Line	10
CF 1542	47B	CF 1542 Core Flood Tank Vent Line	10
48	RC229A	Pressurizer Quench Tank Circulating Outlet Line	10
48	RC229B	Pressurizer Quench Tank Circulating Outlet Line	10
50	HP26	High Pressure Injection Line	15
51	CV5037	Hydrogen Purge System Exhaust Line	60
51	CV5038	Hydrogen Purge System Exhaust Line	60
52	MU66A	Reactor Coolant Pump Seal Supply	12
53	MU66B	Reactor Coolant Pump Seal Supply	12
54	MU66C	Reactor Coolant Pump Seal Supply	12
55	MU66D	Reactor Coolant Pump Seal Supply	12
56	MU38	Reactor Coolant Pump Seal Return	12
56	MU59A	Reactor Coolant Pump Seal Return	30
56	MU59B	Reactor Coolant Pump Seal Return	30
56	MU59C	Reactor Coolant Pump Seal Return	30
56	MU59D	Reactor Coolant Pump Seal Return	30
57	MS603	Steam Generator Blowdown Line	80
60	MS611	Steam Generator Blowdown Line	80

TABLE 3.6-2

CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION</u> <u>NUMBER</u>	<u>VALVE</u> <u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION</u> <u>TIME</u> (seconds)
67	CV5090	Hydrogen Dilution System Supply	60
68A	SS235A	Pressurizer Quench Tank Sample	30
68A	SS235B	Pressurizer Quench Tank Sample	30
68B	CV5010B	Containment Air Sample	15
68B	CV5011B	Containment Air Sample	15
69	CV5065	Hydrogen Dilution System Supply	60
71B	CV5010A	Containment Air Sample	15
71B	CV5011A	Containment Air Sample	15
CF1544 71C	CV1544	Core Flood Tank N2 Fill	10
73B	CV5010C	Containment Air Sample	15
73B	CV5011C	Containment Air Sample	15
74B	CV5010D	Containment Air Sample	15
74B	CV5011D	Containment Air Sample	15
B. CONTAINMENT PURGE AND EXHAUST ISOLATION			
33 ##	CV5005	Containment Vessel Purge Inlet Line	10
33 ##	CV5006	Containment Vessel Purge Inlet Line	10
34 ##	CV5007	Containment Vessel Purge Outlet Line	10
34 ##	CV5008	Containment Vessel Purge Outlet Line	10
C. OTHER			
5 #	SW1366	Containment Air Cooling Units SW Inlet Line	N/A
6 #	SW1368	Containment Air Cooling Units SW Inlet Line	N/A
7 #	SW1367	Containment Air Cooling Units SW Inlet Line	N/A
9 #	SW1356	Containment Air Cooling Units SW Outlet Line	N/A

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CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION</u> <u>NUMBER</u>	<u>VALVE</u> <u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION</u> <u>TIME</u> (seconds)
10 #	SW1358	Containment Air Cooling Units SW Inlet Line	N/A
11 #	SW1357	Containment Air Cooling Units SW Outlet Line	N/A
17	CV343	Containment Vessel Leak Test Inlet Line	
17	Flange	Containment Vessel Leak Test Inlet Line (Inside Containment)	N/A
19 #	HP57	High Pressure Injection Line	N/A
20 #	HP56	High Pressure Injection Line	N/A
22 #	HP49	High Pressure Injection Line	N/A
23 #	SF1	Fuel Transfer Tube	N/A
23	Flange	Fuel Transfer Tube	N/A
24 #	SF2	Fuel Transfer Tube	N/A
24	Flange	Fuel Transfer Tube	N/A
*25	CS33	Containment Spray Line	N/A
*25	CS17	Containment Spray Line	N/A
25	SA536	Containment Spray Line	N/A
25	SA532	Containment Spray Line	N/A
*26	CS36	Containment Spray Line	N/A
*26	CS18	Containment Spray Line	N/A
26	SA535	Containment Spray Line	N/A
26	SA533	Containment Spray Line	N/A
27 #	DH1A	Low Pressure Injection Line	N/A
27 #	DH76	Low Pressure Injection Line	N/A
28 #	DH1B	Low Pressure Injection Line	N/A
28 #	DH77	Low Pressure Injection Line	N/A
Put in Serial order pene- tration number {	19 #	HP2A High Pressure Injection line	N/A
	20 #	HP2B High Pressure Injection line	N/A
	22 #	HP2D High Pressure Injection line	N/A
	25 #	CS1531 Containment Spray line	N/A
	26 #	CS1530 Containment Spray line	N/A

TABLE 3.6-2

CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION VALVE NUMBER</u>	<u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME</u>
*29 #	DH11	Decay Heat Pump Suction Line	N/A
*29	DH23	Decay Heat Pump Suction Line	N/A
29 #	PSV4849	Decay Heat Pump Suction Line	N/A
35 #	AF599	Auxiliary Feedwater Line	N/A
36 #	AF508	Auxiliary Feedwater Line	N/A
*39 #	MS107	Main Steam Line	N/A
*39 #	MS107A	Main Steam Line	N/A
*40 #	MS106	Main Steam Line	N/A
*40 #	MS105A	Main Steam Line	N/A
41	RC113	Pressurizer Quench Tank Inlet Line	N/A
42A	SA502	Service Air Supply Line	N/A
42B	CV124	Containment Vessel Air Sample Return	N/A
43A	IA501	Service Air Supply Line	N/A
43B	CV125	Containment Vessel Air Sample Return	N/A
44A	CF15	Core Flood Tank Fill and Nitrogen Supply Line	N/A
44B	NN58	Pressurizer Quench Tank Inlet Line	N/A
*47A	CF2A	Core Flood Tank Sample Line	N/A
*47A	CF2B	Core Flood Tank Sample Line	N/A
*47B	CF5A	Core Flood Tank Vent Line	N/A
*47B	CF5B	Core Flood Tank Vent Line	N/A
49	DH87	Refueling Canal Fill Line	N/A
49	DH88	Refueling Canal Fill Line	N/A

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CONTAINMENT ISOLATION VALVES (Continued)

<u>PENETRATION VALVE NUMBER</u>	<u>NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME</u>
49	DH67	Refueling Canal Fill Line	N/A
49	DH88	Refueling Canal Fill Line	N/A
50 #	HP48	High Pressure Injection	N/A
52	MU242	RCP Seal Water Supply	N/A
53	MU243	RCP Seal Water Supply	N/A
54	MU244	RCP Seal Water Supply	N/A
55	MU245	RCP Seal Water Supply	N/A
Deleted			
Deleted			
Deleted			
Deleted			
59	Flange	Secondary Side Cleaning (Inside Containment)	N/A
59	Flange	Secondary Side Cleaning (Outside Containment)	N/A
67	CV209	Hydrogen Dilution System Supply	N/A
69	CV210	Hydrogen Dilution System Supply	N/A
71A #	CV2000S	Containment Pressure Sensor	N/A
71C	CF16	Core Flood Tank Nitrogen Fill Line	N/A
72A #	CV2001B	Containment Pressure Sensor	N/A
72C #	CV624B	Containment Pressure Differential Transmitter	N/A
73A #	CV2002B	Containment Pressure Sensor	N/A
73C #	CV645B	Containment Pressure Differential Transmitter	N/A
74A #	CV2003B	Containment Pressure Sensor	N/A
*74C	DH2135	Pressurizer Auxiliary Spray	N/A
*74C	DH2136	Pressurizer Auxiliary Spray	N/A

*May be opened on an intermittent basis under administrative control.

#Not subject to Type C leakage tests.

**Surveillance testing not required prior to entering MODE 4 but shall be performed prior to entering Mode 3.

##Provisions of Specification 3.0.4 are not applicable provided the valve is in the closed positions and deactivated.