

NMPNS-2

TABLE 7.2-1 (CONT'D)

Line Isolated	Number of Lines	Approximate Pipe Size, In.	Valves Per Line	Group	Valve Location Relative to Primary Containment	Valve and/or Operator Type (6)	Power to Open(5,6)	Power to Close(5,6)	Isolation Signal	Closing Time(7,11,12)	Normal Status(9,10)	Remarks
LPCS pump suction from suppression pool	1	18	1	B	Outside	MO	A-c	A-c	RM	Standard	Open	
HPCS to reactor	1	12	1	A	Inside	AO check	Note 3	Note 3	Note 3	-	Closed	(Signal G opens, signal N overrides to close)
			1	A	Outside	MO gate	A-c	A-c	N, RM	Standard	Closed	
HCPS pump suction	1	18	1	B	Outside	MO gate	A-c	A-c	RM	Standard	Closed	
HPCS test line to suppression pool	1	12	1	B	Outside	MO globe	A-c	A-c	G	Standard	Closed	Note 9
HPCS minimum flow bypass	1	4	1	B	Outside	MO globe	A-c	A-c	RM	Standard	Closed	
HPCS test line to condensate tank	1	Later	1	B	Outside	MO globe	A-c	A-c	G	Standard	Closed	
Drywell equipment drain discharge	1	3	1	B	Inside	MO	A-c	A-c	A, F	Standard	Open	
			1	B	Outside	AO	Air/A-c	Spring	A, F	Standard	Open	
Drywell floor drain discharge	1	3	1	B	Inside	MO	A-c	A-c	A, F	Standard	Open	
			1	B	Outside	AO	Air/A-c	Spring	A, F	Standard	Open	
Traversing incore probe	4	1 1/2	1	A	Outside	SO shear	D-c	D-c	RM	-	Open	
			1	A	Outside	SO ball	A-c	A-c	A, F	-	Closed	Note 9
Instrument sensing line (Part of protection system)	As required	1	1	A	Outside	Hand	Hand	Hand	-	-	Open)	Typical of Class A instrument lines which form part of protection system A5
			1	A	Outside	Flow check	Spring	-	Excess flow	-	Open)	
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Instrument sensing line (Not part of protection system)	As required	1	1	A	Outside	Flow check	Spring	-	Excess flow	-	Open)	Typical of Class A instrument lines which do not form part of protection system A5
			1	A	Outside	Hand	Hand	Hand	-	-	Open)	
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Instrument sensing drywell pressure	2	1/2	1	B	Outside	Hand	Hand	Hand	-	-	Open)	Typical of Class B instrument lines which form part of protection system A5
			1	B	Outside	Flow check	Spring	-	Excess flow	-	Open)	
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