



Consumers  
Power  
Company

David J VandeWalle  
Nuclear Licensing Administrator

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-1636

March 26, 1982

Dennis M Crutchfield, Chief  
Operating Reactors Branch No 5  
Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
Washington, DC 20555



DOCKET 50-155 - LICENSE DPR-6 -  
BIG ROCK POINT PLANT - CONTAINMENT  
ISOLATION VALVE SUMMARY RESPONSE

Consumers Power Company was requested on March 23, 1982 to provide additional information supplementing our rebruary 12, 1982 letter on the operation and testing of containment isolation valves at the Big Rock Point Plant. Specifically, additional information was requested on the number of operations during a year for reasons other than testing. Estimates of the expected number of such operations for each containment isolation valve are provided in the attachment. It must be emphasized that the numbers shown under the column labeled "Estimate of Operations Other Than Testing," are only our best estimate of the number of operations. Substantiation of these numbers would require a thorough and time consuming search of plant records, and might not even be possible. In addition, for those penetrations in which a check valves serves as the isolation valve (and also for the valves associated with the locks) it is very difficult to estimate the number of challenges per year, and thus for those valves the asterisk (\*) indicates that the number of operations is unknown.

David J VandeWalle  
Nuclear Licensing Administrator

CC Administrator, Region III, USNRC  
NRC Resident Inspector-Big Rock Point

Attachment- 2 pages

A001  
5  
1/1

oc0382-0036a142

8203300114 820326  
PDR ADOCK 05000155  
P PDR

TABLE I  
CONTAINMENT ISOLATION VALVES, PENETRATIONS AND LOCKS

Item Number	Item Description	Tests			Estimate of Operations Other Than Testing
		Stroke Tests	Leak Rate Tests	Failure	
CV 4094	Ventilation Exhaust Valve	20	2	1	120
CV 4095	Ventilation Exhaust Valve	20	2	1	120
CV 4096	Ventilation Supply Valve	20	2		120
CV-4097	Ventilation Supply Valve	20	2		120
SV-9155	Ventilation Probe	8	0		132
SV-9156	Ventilation Probe	8	0		132
	Personnel Lock	*	2		20,000
	Personnel Lock Powell Check Valve	*	2		*
	Personnel Lock Jenkins Valve	*	0		*
	Equipment Lock	*	2		75
	Equipment Lock Powell Check Valve	*	2		*
	Equipment Lock Jenkins Valve	*	0		*
	Escape Lock	*	2		400
	Nordstrom Equalizing Valve	*	0		*
H-40	Conax Penetration	*	2		*
H-65	Conax Penetration	*	2		*
H-81	Conax Penetration	*	2		*
H-83	Conax Penetration	*	2		*
CV-4025	Dirty Sump Pump Discharge	8	0		2
CV-4103	Dirty Sump Pump Discharge	8	0		2
VEC-301	Emergency Condenser Drain Check	0	0		*

\* Not applicable

Big Rock Point  
Containment Isolation Valve  
Summary Response

2

Item Number	Item Description	Tests		Failures	Estimate of Operations Other Than Testing
		Stroke Tests	Leak Rate Tests		
CV-4031	Clean Sump Pump Discharge	8	0		2
CV-4102	Clean Sump Pump Discharge	8	0		2
	Emergency Condenser Shell Side Sample Point Check Valve	*	1		*
VEC-107	EC Sight Glass Vent Valve	*	1		*
CV-4049	Treated Waste Return	0	0		24
VRW-313	Treated Waste Return Check Valve	*	0		24
CV-4105	Demin Water Isolation Valve	7	0		0
Check Valve	Demin Water Isolation Check Valve	*	0		0
CV-4091	Resin Sluice Valve	1	0		2
CV-4092	Resin Sluice Valve	1	0		2
CV-4093	Resin Sluice Valve	1	0		2
CV-4027	Reactor and Fuel Pit Drain	1	2	2	10
CV-4117	Reactor and Fuel Pit Drain	1	1	1	10
VRD-310	CRD Supply Check Valve	*	1		0
VRD-311	CRD Supply Check Valve	*	1		0
MO-7050	Main Steam Isolation Valve	0	1		2
MO-7065	Main Steam Drain Valve	0	1		0
VFW-304	Feedwater Check Valve	*	1		*
H-80	Penetration	*	0		*
H-88	Penetration	*	0		*
H-91	Penetration	*	0		*

\* Not applicable

nu0282-0012c142