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Revision 33 dated 02/24/00

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## Technical Requirements Manual

Volume I

Detroit  
Edison

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Primary Containment Isolation Valves

FUNCTION	MAXIMUM ISOLATION TIME (seconds) <sup>(u)</sup>
1. Automatic Isolation Valves <sup>(a)</sup> (continued)	
j. Group 10 - Reactor Water Cleanup (RWCU) System (Inboard)	
Inboard: G3352-F001	12
k. Group 11 - Reactor Water Cleanup (RWCU) System (Outboard)	
Outboard: G3352-F004	12
Outboard: G3352-F220	20
l. Group 12 - Torus Water Management System (TWMS)	
TWMS to RHR Line Isolation Valves <sup>(b)(c)</sup>	
G5100-F605	60
G5100-F604	60
TWMS to CSS Test Line Isolation Valves <sup>(b)(c)</sup>	
G5100-F607	60
G5100-F606	60
Torus Drain Isolation Valves <sup>(b)(c)</sup>	
G5100-F600	60
G5100-F602	60
G5100-F601	60
G5100-F603	60
m. Group 13-Drywell Sumps	
Drywell Floor Drain Sump Pump Discharge Isolation Valves	
G1154-F600	60
G1100-F003	60
Drywell Equipment Drain Sump Pump Discharge Isolation Valves	
G1154-F018	60
G1100-F019	60

(continued)

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Standby Liquid Control System Associated Isolation Devices  
480 V Motor Control Centers

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1.	MCC 72B-4C	
	a. Position 2AR	SLC Pump A
2.	Deleted	
3.	MCC 72E-5B	
	a. Position 2B	SLC Pump B
	b. Position 2CR	SLC Heater B

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TR B3.8 ELECTRICAL POWER SYSTEMS

TR B3.8.6 Standby Liquid Control System Associated Isolation Devices

BASES

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Circuit breakers actuated by fault currents are used as isolation devices to protect equipment associated with the Standby Liquid Control System. The OPERABILITY of these circuit breakers will ensure that the SLCS equipment is protected in the event of faults in the loads powered by these circuit breakers.

The SLC tank heater is only required when mixing sodium pentaborate and/or water to establish the required solution operating parameters. Normal operation of the SLCS does not depend on the tank heater to maintain the solution above its saturation temperature. Technical requirements have been placed on the tank heater circuit breaker to ensure that its failure will not degrade other SLC components.

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