



LIMIT SWITCH CONTACT DEVELOPMENT (LIMITED)			
CONTACT	VALVE	INTER	VALVE
	FULL OPEN		POS. FULL CLOSED
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

CORE SPRAY SYSTEM			
CONTACT	DISCHARGE ISOLATION VALVE (D.I.V.)	ISOLATION VALVE (I.V.)	CONTROL
	CONTROL	CONTROL	CONTROL
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

X - DENOTES CONTACTS CLOSED

TORQUE SWITCHES

TS-C INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR WHEN PROPER VALVE SEAT OCCURS AT END OF CLOSING CYCLE.

TS-O INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR WHEN PROPER VALVE SEAT OCCURS AT END OF OPENING CYCLE.

VALVE OPEN FOR ALL MODES

28VDC VALVE MIMIC BUS

1 FUB 1560
2 ECIL 1560
3 ECII 1560
4 ECIII 1560
5 LTI 1560
6 ECLI 1560

MIMIC IND. LIGHTS

28VDC

SYMBOLS

- D - DENOTES FIELD TERMINAL POINT ON REMOTE REACTOR SHUTDOWN PANEL.
- L - EQUIPMENT LOCATED AT POWER BOARD EXCEPT AS NOTED.
- V - VALVES.
- 1560 - AUXILIARY CONTROL RELAY CABINET.
- E, K - CONTROL BOARD PANELS E, K.

LOCATION OF DEVICES

1 - EQUIPMENT LOCATED AT POWER BOARD EXCEPT AS NOTED

V - VALVES

1560 - AUXILIARY CONTROL RELAY CABINET

E, K - CONTROL BOARD PANELS E, K

REVISIONS

NO.	DATE	DESCRIPTION
1	1/24/68	REMOVED REDUCED CORE SPRAY DISCHARGE ISOLATION VALVE (I.V.)
2	2/12/68	REVISED VALVE INTERLOCKS PER REACTOR SHUTDOWN PANEL NO. 2222
3	3/1/68	REVISED FOR MIMIC FIELD PRINT
4	3/1/68	REVISED FOR MIMIC FIELD PRINT
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POOR ORIGINAL

PRC APERTURE CARD

NIAGARA MOHAWK POWER CORPORATION

NI-MILE POINT NUCLEAR STATION

ELEMENTARY WIRING DIAGRAM

600 VOLT POWER BOARD IGIB CONTROL CIRCUITS

FILE NO. 3-N2-F21

DATE 3-12-68

BY [Signature]

CH. 19437-G

SM. 6 T. 0. 1. 1. 1.

RIDS

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