



720-2ICSNI3

4	5	} THIS DWG
9		
13	14	} SPARE
15	16	

72C-21CSN13

7	8	} THIS DWG
1	6	
17	18	} SPARE
19	20	

ROTOR		LIMIT SWITCH DEVELOPMENT						
		VALVE POSITION				FUNCTION		
		33	FULL OPEN	5%	95%	FULL CLOSED	2ICS*MOV164	2ICS*MOV148
1	1						SPARE	SPARE
	2						SPARE	SPARE
	3						GREEN LT	GREEN LT
	4						OPEN LIMIT	OPEN LIMIT
2	5						SPARE	SPARE
	6						SPARE	SPARE
	7						GE BOTE173TY SH11A	GE BOTE173TY SH11A
	8						SPARE	ESK-7SCI16
3	9						SPARE	SPARE
	10						↓	SPARE
	11						↓	BYPASS
	12						GE BOTE173TY SH.0	GE BOTE173TY SH.10
4	13							
	14						↓	↓
	15						BYPASS	BYPASS
	16						SPARE	SPARE
TORQUE SW	17	CLOSING TORQUE SWITCH INTERRUPTS CLOSING CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE						
	18	OPENING TORQUE SWITCH INTERRUPTS OPENING CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE						

72X-2ICSNO8		74-2ICSNO8	
7	8	7	8
THIS DWG		INOP IND	
5	6	5	6
ALM NO. 0813		GE 807E173TY SH.IIA	
4E. 807E173TY SH 12A		ALM NO. 0235	
3	4	3	4
COIL CLEARING		GE 807E173TY SH.II	
1	2	1	2
CONTACT		COIL CLEARING	
THIS DWG		CONTACT	
		SPARE	

720-2ICSN08

4	5
6	7
8	9
13	14
15	16

THIS DWG

SPARE

72C-2ICSN08

7	8
9	10
11	12
17	18
19	20

THIS DWG

SPARE

<u>72X-2ICSN13</u>		<u>74-2ICSN13</u>	
<u>7</u> <u>8</u>	THIS DWG	<u>7</u> <u>8</u>	INOP IND
<u>5</u> <u>6</u>	ALM NO. 0814	<u>5</u> <u>6</u>	GE 80TIE173TY SH.11
<u>3</u> <u>4</u>	GE 80TIE173TY SH.12A	<u>3</u> <u>4</u>	ALM NO. 0235
<u>1</u> <u>2</u>	COIL CLEARING	<u>1</u> <u>2</u>	GE 80TIE173TY SH.11
	CONTACT		COIL CLEARING
	THIS DWG		CONTACT
			SPARE

CONTROL ELEMENTS	REFERENCE G.E. DWGS
S39	807E173TY SH. 8
S40	SH. 8
K34	SH. 5
K58	SH. 4
K103A, K103B	SH. 11A

NOTES:

1. VALVE LIMIT SWITCHES LOCATED ON VALVE ACTUATOR. ALL OTHER EQUIPMENT LOCATED AT MCC UNLESS OTHERWISE NOTED.
2. APPLICABLE G.E. FCD - 761E221TY, SH.4.
3. APPLICABLE G.E. ELEMENTARY - 807E173TY.
4. ALL G.E. CONTROL ELEMENTS PREFIXED BY ESI DESIGNATOR.

NUCLEAR SAFETY RELATED
QA CAT I

DC ELEM DIAG 125 V
RCIC VACUUM BREAKER MOV
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION

12177-ESK-111CSI3

APERTURE
CARD