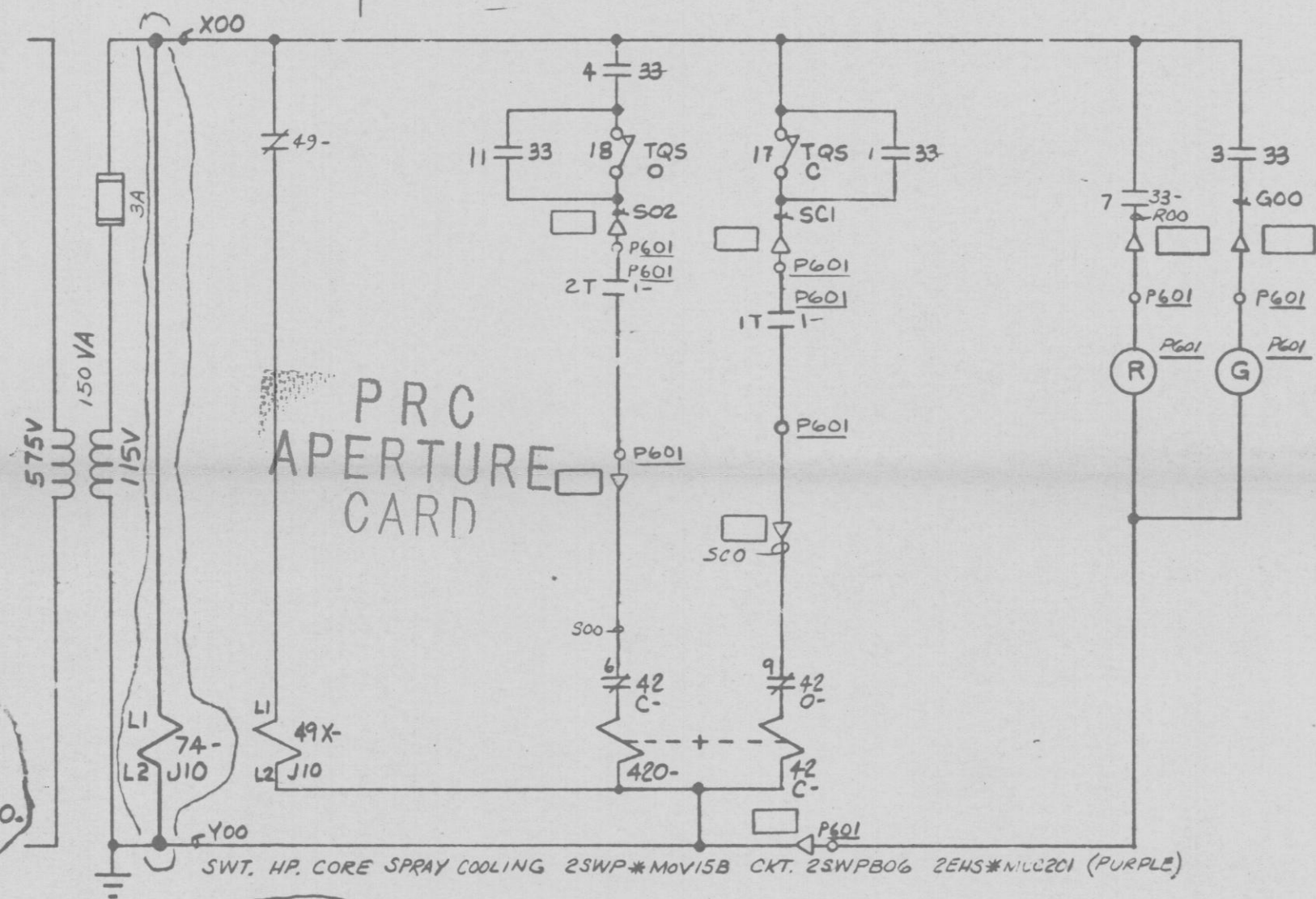
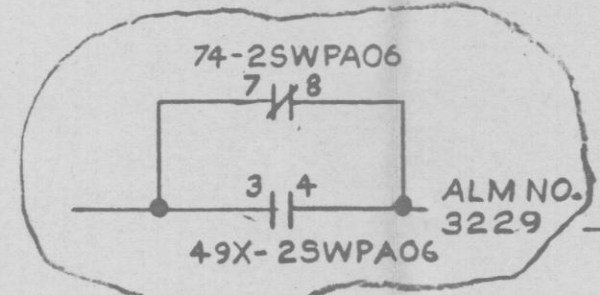


49X-2SWPA06
7 1 8
5 1 6 SP
3 1 4 THIS DWG
1 1 2 SP

49X-2SWPB06
7 1 8
5 1 6 SP
3 1 4 THIS DWG
1 1 2 SP



74-2SWPA06
1 1 2
3 1 4 SP
5 1 6
7 1 8 THIS DWG

74-2SWPB06
1 1 2
3 1 4 SP
5 1 6
7 1 8 THIS DWG

NOTES:
1. VALVE LIMIT SWITCHES LOCATED ON VALVE ACTUATOR. ALL OTHER EQUIPMENT LOCATED AT MCC UNLESS OTHERWISE NOTED.
2. LOGIC DIAG LSK-9-10X

R O T O R	33	LIMIT SWITCH DEVELOPMENT				FUNCTION
		VALVE POSITION	5%	95%	FULL CLOSED	
1	1					2SWP#MOV15A
2	2					2SWP#MOV15B
3	3					BY-PASS
4	4					SPARE
5	5					GREEN LT
6	6					OPEN LIMIT
7	7					BY-PASS
8	8					SPARE
9	9					RED LT
10	10					SPARE
11	11					SPARE
12	12					SPARE
13	13					SPARE
14	14					SPARE
15	15					SPARE
16	16					SPARE
17	17	CLOSING TORQUE SW INTERRUPTS CLOSING CYCLE IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE				
18	18	OPENING TORQUE SW INTERRUPTS OPENING CYCLE IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE				

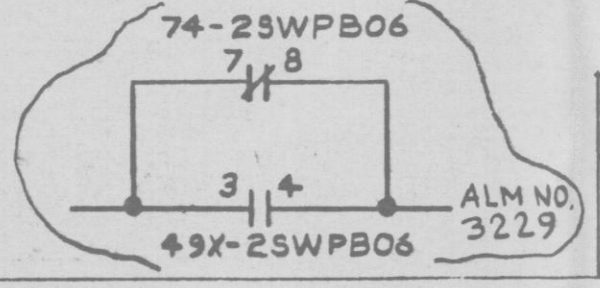
420-2SWPA06
4 1 5 SP
1 1 9 THIS DWG
1 1 14 SPARE
1 1 16 SPARE

42C-2SWPA06
7 1 8 SP
1 1 6 THIS DWG
1 1 18 SPARE
1 1 20 SPARE

420-2SWPB06
4 1 5 SP
1 1 9 THIS DWG
1 1 14 SPARE
1 1 16 SPARE

42C-2SWPB06
7 1 8 SP
1 1 6 THIS DWG
1 1 18 SPARE
1 1 20 SPARE

NOT WIRED OUT



DESIGN CONTROL	ISSUE	CS	DETAIL	ESK	SPARES	USED ON
1-2SWPA06	G	38				
1-2SWPB06	G	38				

DESIGN CONTROL	ISSUE	REV	PGCC	REDRAWN	PGCC	REDRAWN
6-482	3/4/81	1-10-78	6-6-77	2-3-77	4/31/79	5/30/79
INCORP. ESK-3	INCORP. ESK-3	INCORP. ESK-3	INCORP. ESK-3	INCORP. ESK-3	INCORP. ESK-3	INCORP. ESK-3

NUCLEAR SAFETY RELATED
QA CAT I
AC ELEM DIAG-600V MCC CKTS
SWT TO HP CORE SPRAY
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
12177-ESK-6SWP05