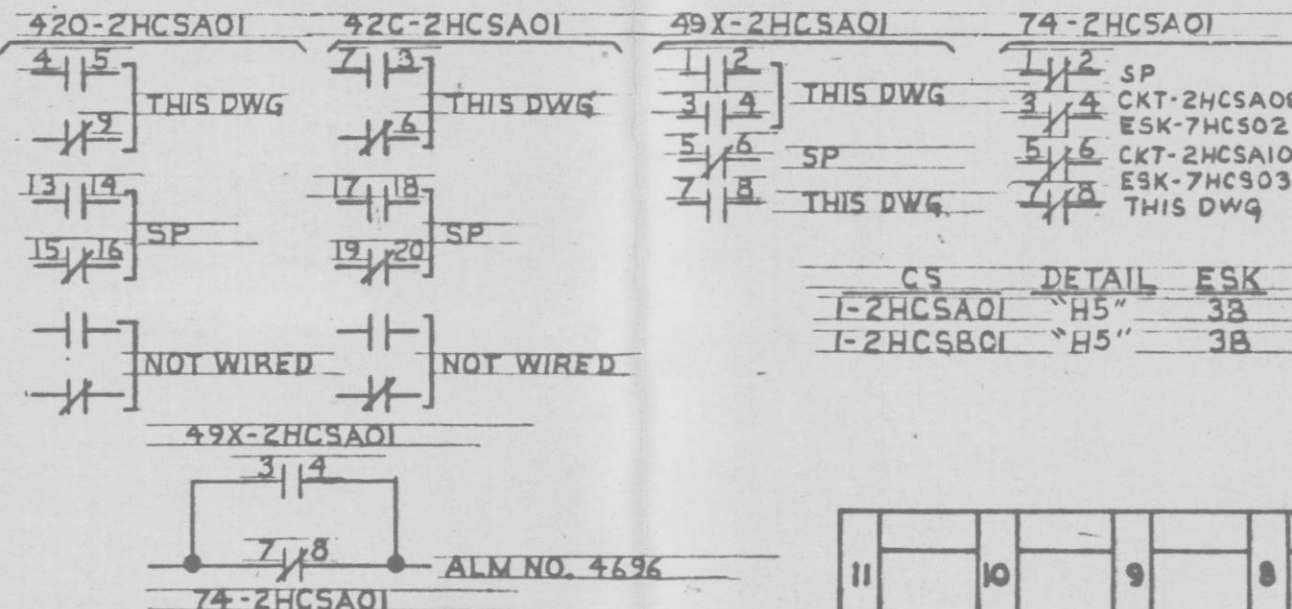


PRC
APERTURE
CARD

RECOMBINER #RBNRIA OUTLET OUTBD ISOL VALVE 2HCS*MOVIA, 2EHS*MCCIO2A, CKT NO. 2HCSA01 (GREEN)

ROTOR	33	LIMIT SWITCH DEVELOPMENT				FUNCTION	
		FULL OPEN	5% CLOSE	95% CLOSE	FULL CLOSE	2HCS*MOVIA	2HCS*MOVIB
1	1					SP	SP
	2					SP	SP
	3					GREEN LT	GREEN LT
	4					OPEN LIMIT	OPEN LIMIT
2	5					BY-PASS	BY-PASS
	6					SP	SP
	7					RED LT	RED LT
	8					ESK-75C11	ESK-75C12
3	9					SP	SP
	10						
	11						
	12						
4	13						
	14						
	15					BY-PASS	BY-PASS
	16					SP	SP
TORQUE SW	17	CLOSING TORQUE SW INTERRUPTS CLOSING CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE					
	18	OPENING TORQUE SW INTERRUPTS OPENING CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE					



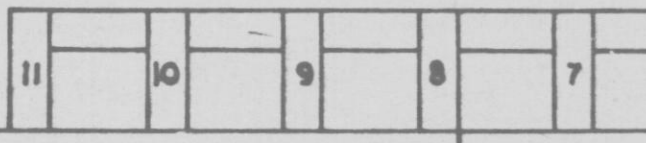
NOTES:
1. VALVE LIMIT SWITCHES LOCATED ON VALVE ACTUATOR. ALL OTHER EQPT LOCATED AT MCC UNLESS OTHERWISE NOTED.
2. LOGIC DIAG LSK-27-13.

CS	DETAIL	ESK	SPARES	USED ON
1-2HCSA01	"H5"	3B	1T & 1B	
1-2HCSB01	"H5"	3B	1T & 1B	

NUCLEAR SAFETY RELATED
QA CAT I

AC ELEM DIAG - 600V MCC CKTS
DBA HYDROGEN RECOMBINER
NINE MILE POINT NUCLEAR STATION-UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STON & WEBSTER ENGINEERING CORPORATION
12177-ESK-6HCS01 SH1 OF 2

REDRAWN
DESIGN CONTROL ISSUE 2
M 6
ECN-001, 30, 51, 003, 007
J.D.



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