

PRC
APERTURE
CARD

CHARGING PUMP MINIFLOW ISOLATION VALVE.

BECHTEL
LOS ANGELES

GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT

**ELEMENTARY DIAGRAM
CHEMICAL & VOLUME CONTROL SYSTEM
IHV-8110**

The diagram illustrates the wiring for two electroswitches, CS-R HS-810 and CS-LR HS-110B, which are used to control the gun's elevation and traverse. Each switch has a 2-position selector (CLOSE, OPEN) and a 2-position selector (AUTO, NORMAL). The wiring is shown for both switches, with the CS-LR HS-110B switch having an additional 'SP' (Spring Return) terminal.

CS-R HS-810 WIRING:

DECK	CONTACTS	CLOSE	AUTO	OPEN
1	1 — — 2	X		
2	5 — — 6		X	
3	7 — — 8		X	

CS-LR HS-110B WIRING:

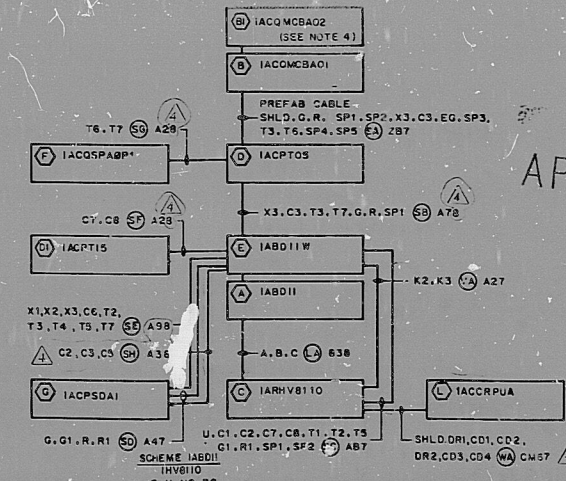
DECK	CONTACTS	CLOSE	NORMAL	OPEN
1	1 — — 2		X	X
2	5 — — 6	X		
3	7 — — 8		X	

SP: SPRING RETURN TO AUTO

XFR CONTROL		CONTACTS HANDLE END			LOCAL	CONT. IN
CONT. IN	LOCAL	ODD	EVEN	NO		
TRS-LR HS - RHQA GE TYPE SBM MAINTAINED				1		
		1 1C 2C	2	2	X	
				3		X
		3 3C 4C	4	4	X	
				5		X
		5 5C 6C	6	6	X	
				7		X
		7 7C 8C	8	8	X	
				9		X
		9 9C 10C	10	10		X
				11		X
		11 11C 12C	12	12	X	
				13		X
		13 13C 14C	14	14		
				15		X
		15 15C 16C	16	16	X	
				17		X
		17 17C 18C	18	18	X	
				19		X
		19 19C 20C	20	20	X	

LIMIT TORQUE		
MOV. LIMIT SW DEVELOPMENT		
ROTOR	CONTACT	VALVE POSITION
		OPEN CLOSED
1	1	
	2	
	4	
	5	
2	6	
	7	
	8	
3	9	
	10	
	11	
4	12	
	13	
	14	
	15	
-	17	TSC-CLG TORQUE SW
	18	TSO-OPG TORQUE SW

SOLID LINE DENOTES



DEVICE	MFR	TYPE	MODEL NO	REFERENCE DWGS		
				NUMBER	DESCRIPTION	REV
74	C-H	D26M	D26MR1.3A	1X40E116-2	P & T DIAGRAM	—
				1X30-AA-F11A	ONE LINE DIAGRAM	—
				N/A	LOGIC DIAGRAM	—
				1/2X6AHO9-S1	SCHEMATIC V.P.	—
				△		
				△		
				△		
				△		
				NO		
					REVISIONS	

S.U. NO. 80										END. MGR.		DRAWING NO.		REV.			
										SCALE: NONE		JOB NO. 9510		XSD-80-C03J		4	
1. REVISED CABLE SIZE PER CALC. 2. REVISED CABLE BLOCK (CABLE) 3. REVISED CABLE BLOCK (CABLE) 4. REVISED CABLE BLOCK (CABLE)										5. REVISED CABLE BLOCK (CABLE) 6. REVISED CABLE BLOCK (CABLE) 7. REVISED CABLE BLOCK (CABLE)		8. REVISED CABLE BLOCK (CABLE) 9. REVISED CABLE BLOCK (CABLE) 10. REVISED CABLE BLOCK (CABLE)		11. REVISED CABLE BLOCK (CABLE) 12. REVISED CABLE BLOCK (CABLE) 13. REVISED CABLE BLOCK (CABLE)		14. REVISED CABLE BLOCK (CABLE) 15. REVISED CABLE BLOCK (CABLE) 16. REVISED CABLE BLOCK (CABLE)	
DATE DR. CHK. SUPV. FGS. CHFF. P.F. Q.A.R.										DATE DR. CHK. SUPV. FGS. CHFF. P.F. Q.A.R.		DATE DR. CHK. SUPV. FGS. CHFF. P.F. Q.A.R.		DATE DR. CHK. SUPV. FGS. CHFF. P.F. Q.A.R.		DATE DR. CHK. SUPV. FGS. CHFF. P.F. Q.A.R.	

I CERTIFY THAT THE IMAGE CONTAINED ON THIS FRAME WAS MADE IN THE MONTH AND YEAR OF _____ IN THE DATE STATED BELOW AND THAT

RIDS

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