



LEGEND:
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 □ MCC TERMINAL (WITH PULL OUT PROVISION)
 / INTERNAL WIRE MARK
 △ 1H13-P601 ECCS RENCHBOARD
 △ 1H13-P714D TERMINATION CABINET TM034
 △ K200C-AGASTAT GP1GM
 △ 1H13-P618 DIVISION 2 AUX. RELAY PANEL
 ⊕ CLASS 1E DIVISION 2, THIS SHEET

NOTES:
 1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE E12A2305A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A23X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F105) EXCEPT AS NOTED (SEE NOTE 7)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.
 7. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A:
 S4C-SWITCH
 B. LSI1 CLOSED UNLESS VALVE FULL OPEN
 R. 211-055-01113

REFERENCE
 GE.CO. DWG B28E534 CA SH.15

ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	VALVE POSITION	A	B	
1	SPARE			SPARE
2	SPARE			SPARE
3				23
4				05
5				1355
6				SPARE
7				21
8				SPARE
9				SPARE
10				SPARE
11				SPARE
12				SPARE
13				SPARE
14				R6 31-1
15				SPARE
16				SPARE

⑰ CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR FULLY CLOSED VALVE.
 ⑱ OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPENED VALVE. (SPARE)
 ——— CLOSED CONTACT
 - - - - - OPEN CONTACT
 ROTORS 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITION IN BETWEEN AS INDICATED BY POINTS A AND B.
 REF: PHILA. GEAR CORP. DWG. 15-877-2759-3 REV. A

S4C/1H13-P601 CONTROL SWITCH		CONTACT LOCATION	
CONTACTS	NAMEPLATE (FV)	CLOSE	OPEN
TR 1		X	
TR 2			X
TR 3		X	X
TR 4		X	
TR 5			X
TR 6		X	X
TR 7			X
TR 8		X	
TR 9		X	X
TR 10			X
TR 11		X	X
TR 12			X
OPER. BLOCK CR2940-LTR X-CLOSED CONTACT			
KEY REMOVABLE IN OPEN POS. - MAINT CONTACTS			

⊕2 NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM

RESIDUAL HEAT REMOVAL SYSTEM
 RHR PUMP CO02C SUCTION MOV
 F105

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	
CHANGED CONTACT LOCATIONS. ADDED REFERENCES AS PER GAT BLUELINE					CHANGED FUSE SIZE					ADDED FITS INFORMATION ADDED TERM CAB CHANGED HP & FUSE INFORM					REVISED S4C CONTACT DESIG. REMOVED TERMPT					READING PA. 044549-000 04/30/77					
ELEM DIAG IE12-F105																									
GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS																									
04 4549 B-208-055 E12 A23 D																									
DRAWING NUMBER SYSTEM SH. NO. REV.																									

RIDS

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