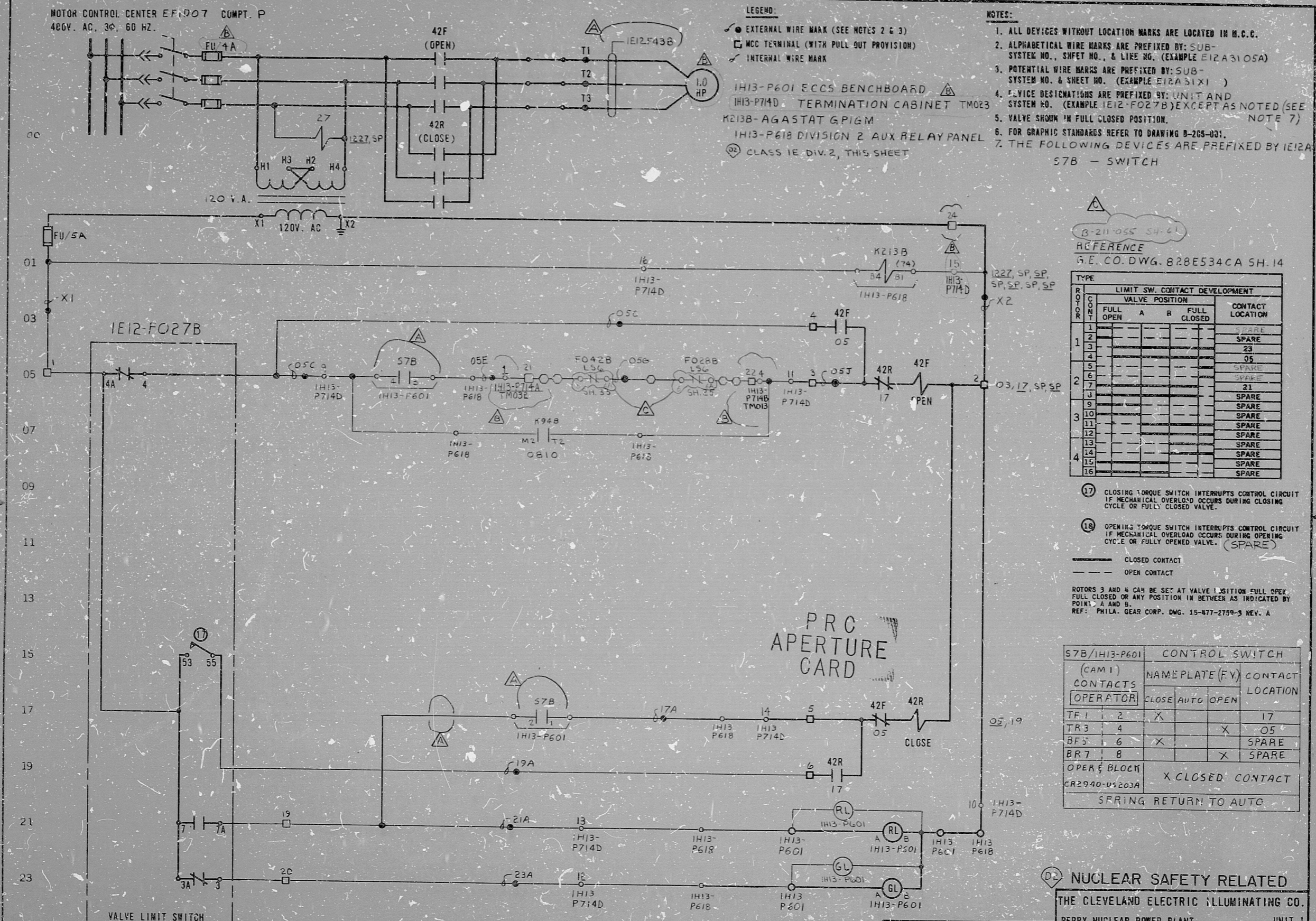


MOTOR CONTROL CENTER EF1007 COMPT. P
480V. AC, 3Ø, 60 HZ.



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
- IH13-P601 ECCS BENCHBOARD
 IH13-P714D TERMINATION CABINET TMO32
 K213B-AGASTAT G.P.I.G.M.
 IH13-P618 DIVISION 2 AUX RELAY PANEL
 Ⓞ CLASS 1E DIV. 2, THIS SHEET

- NOTES:**
- ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.
 - ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE E12A3105A)
 - POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A31X1)
 - DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F027B) EXCEPT AS NOTED (SEE NOTE 7)
 - VALVE SHOWN IN FULL CLOSED POSITION.
 - FOR GRAPHIC STANDARDS REFER TO DRAWING 8-208-001.
 - THE FOLLOWING DEVICES ARE PREFIXED BY IE12A: 57B - SWITCH

B-211-055 SH-6L
 REFERENCE
 G.E. CO. DWG. 828E534CA SH. 14

ROTOR	LIMIT SW. CONTACT DEVELOPMENT				CONTACT LOCATION
	VALVE POSITION		FULL CLOSED		
	FULL OPEN	A	B	SPARE	
1					SPARE
2					SPARE
3					23
4					05
5					SPARE
6					SPARE
7					21
8					SPARE
9					SPARE
10					SPARE
11					SPARE
12					SPARE
13					SPARE
14					SPARE
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
- ROTOR 3 AND 8 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. 15-877-2799-3 REV. A

PRC APERTURE CARD

57B/IH13-P601		CONTROL SWITCH		
(CAM 1)		NAMEPLATE (FY)		CONTACT LOCATION
CONTACTS		CLOSE	AUTO	
TF1	2	X		17
TR3	4			05
BF5	6	X		SPARE
BR7	8			SPARE
OPERATE BLOCK		X CLOSED CONTACT		
CR2940-05203A		SPRING RETURN TO AUTO		

CHANGED SWITCHES TO CLOSE CONTACTS AND LABELED P.T.S. ADD'D REF. TO THE CAD. CDR. LINE				ADDED FITS INFORMATION CHANGED HP & FUSE INFORM. ADDED TERM. CAB.				REVISED 57B CONTACTS REMOVED TERM. POINTS				READING PA.				GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS				DATE RELEASED FOR ENGR.																								
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	REV.	MADE	CHKD	APPROVALS	DATE	REV.	MADE	CHKD	APPROVALS	DATE	REV.	MADE	CHKD	APPROVALS	DATE	REV.	MADE	CHKD	APPROVALS	DATE
ELEM DIAG IE12-F027B																																												

Ⓞ NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM
 RESIDUAL HEAT REMOVAL SYSTEM
 RHR "B" INJECTION VALVE F027B

4549	18-208-055	E12	A31
DRAWING NUMBER	SYSTEM	S.I. NO.	REV.

RIPS

8212160288

