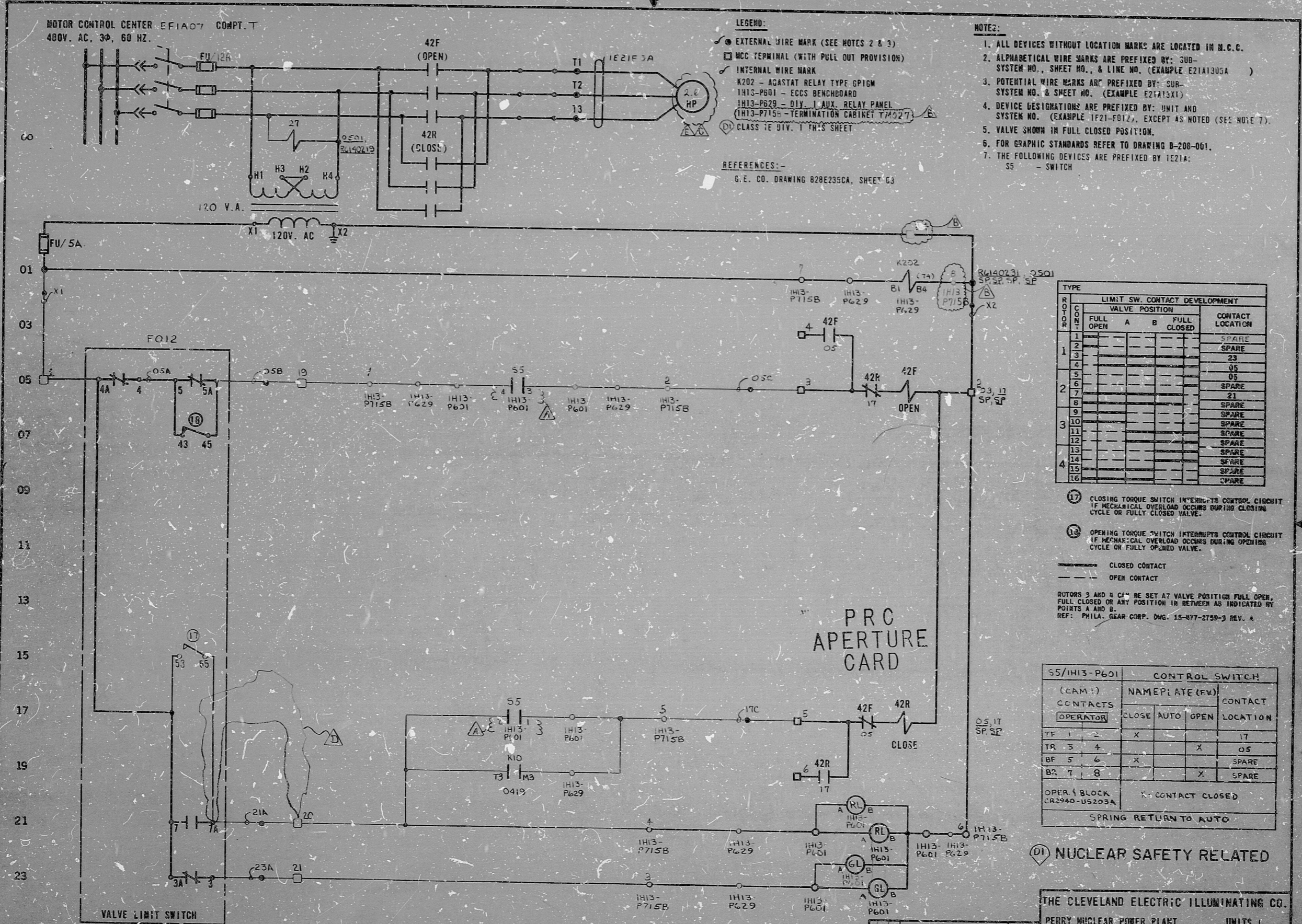


MOTOR CONTROL CENTER EF1A07 COMPT. T
480V. AC, 3Φ, 60 HZ.



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - K202 - AGASTAT RELAY TYPE GP16M
 - IH13-P601 - ECCS BENCHBOARD
 - IH13-P629 - DIV. LAUX. RELAY PANEL
 - IH13-P715B - TERMINATION CABINET T4027
 - CLASS 1E DIV. 1 THIS SHEET

REFERENCED:
G.E. CO. DRAWING 828E235CA, SHEET C3

- 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 E21A1305A)
 - POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E21A13X1)
 - DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE 1F21-F012), EXCEPT AS NOTED (SEE NOTE 7).
 - VALVE SHOWN IN FULL CLOSED POSITION.
 - FOR GRAPHIC STANDARDS REFER TO DRAWING B-200-001.
 - THE FOLLOWING DEVICES ARE PREFIXED BY IE21A:
S5 - SWITCH

R.O. CODE	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	VALVE POSITION	A	B	
1	23			SPARE
2				SPARE
3				SPARE
4				SPARE
5				SPARE
6				SPARE
7				SPARE
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.

ROTOR 3 AND 4 C¹ 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. 15-877-2758-3 REV. A

S5/IH13-P601 CONTROL SWITCH		CONTACTS		CONTACT LOCATION	
(CAM 1)	NAMEPLATE (FW)	CLOSE	AUTO	OPEN	LOCATION
TR 1	2	X			17
TR 3	4			X	05
BF 5	6	X			SPARE
BR 7	8			X	SPARE

OPER. BLOCK CR2940-5203A
X¹ CONTACT CLOSED
SPRING RETURN TO AUTO

PRC APERTURE CARD

(D1) NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNITS 1
ELECTRICAL-ELEMENTARY DIAGRAM

LOW PRESSURE CORE SPRAY SYSTEM
TEST BYPASS TO SUPPRESSION POOL
MOV FO12 (THROTTLE TYPE)

REVISED MOTOR HP	MOVED WIRE INSIDE CAB.	CHANGED FUSE 4 HP INFORM	ADDED WTS INFORMATION	REVISED SW S5 CONTACT DESIGNATIONS	READING PA.	GILBERT ASSOCIATES, INC.	ENGRS.
ADDED IH13-P715B TERM. # B	ADDED MCC TERM 24				144543-000	JGS G.A.G. DEG TFF	6-30-77
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	WORK ORDER	MADE CHKD. DR. APP. ENGR. APP.	DATE
E	V	K	A	M	DEC	RAM	5/2/72
D	Y	Z	A	M	DEC	RAM	11/1/72
C	R	M	Y	RAM	DEC	RAM	11-9-77
B	R	M	Y	RAM	DEC	RAM	7-10-77
A	R	A	M	JGS	DEC	RAM	6-30-77
					04	4549 B-208-060	E21 A13 E
					DRAWING NUMBER		SYSTEM SH. NO. REV.

ELEM DIAG IE21-F012

RIDS

8212160504

