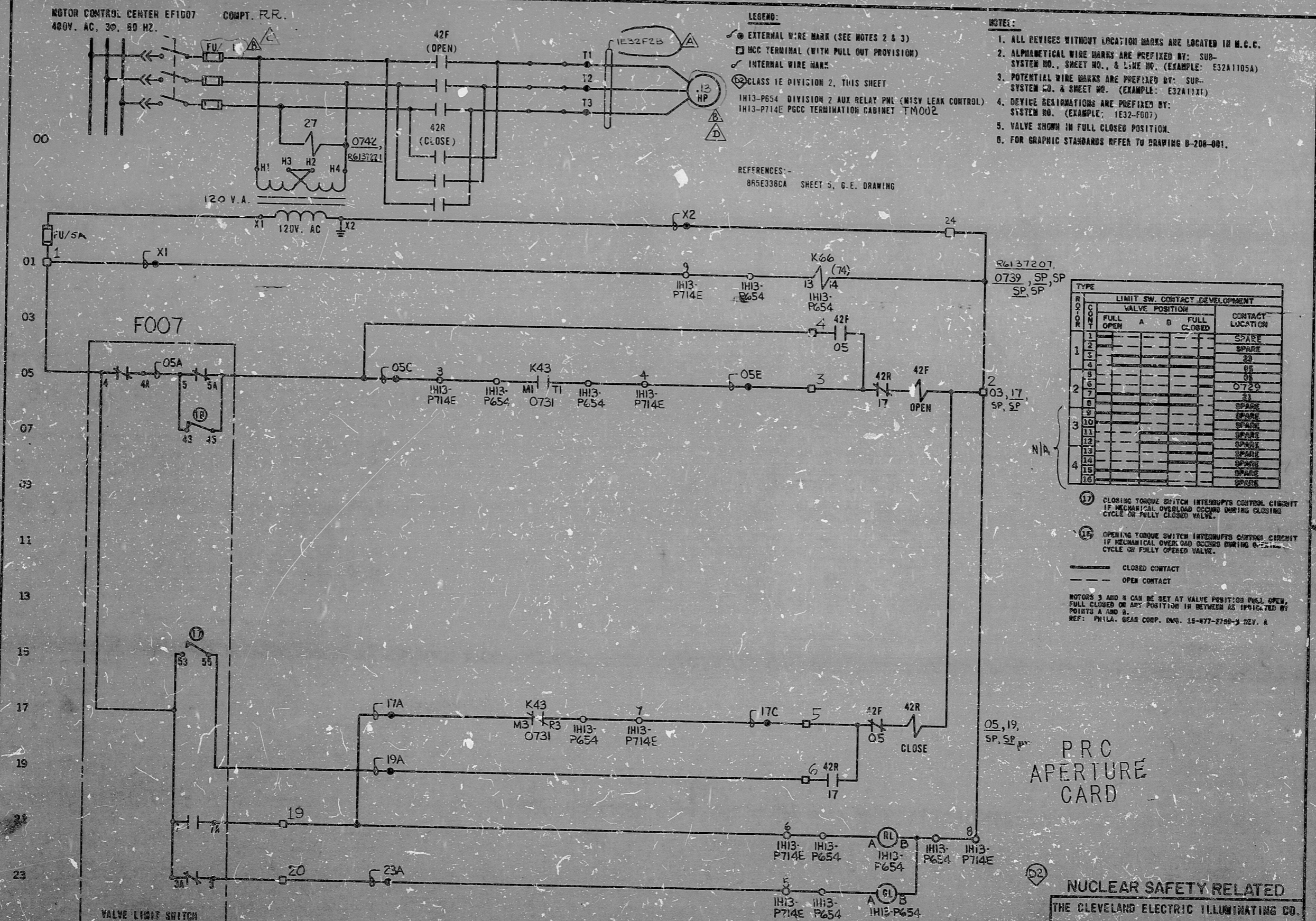


MOTOR CONTROL CENTER EF1007 COMPT. P.R.R.  
480V. AC, 3Ø, 60 HZ.



LEGEND:  
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)  
 □ MCC TERMINAL (WITH PULL OUT PROVISION)  
 ○ INTERNAL WIRE MARK  
 ⊕ CLASS 1E DIVISION 2, THIS SHEET  
 IH13-P654 DIVISION 2 AUX RELAY PNL (MSIV LEAK CONTROL)  
 IH13-P714E PCCC TERMINATION CABINET TMO02

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: E32A1105A)  
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM CO. & SHEET NO. (EXAMPLE: E32A11XT)  
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: SYSTEM NO. (EXAMPLE: 1E32-F007)  
 5. VALVE SHOWN IN FULL CLOSED POSITION.  
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.

REFERENCES:  
 BR5E336CA SHEET 5, G.E. DRAWING

ROW	COL	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
		FULL OPEN	A	B FULL CLOSED	
1	1				SPARE
1	2				SPARE
1	3				05
1	4				0725
1	5				05
2	6				SPARE
2	7				SPARE
2	8				SPARE
2	9				SPARE
2	10				SPARE
2	11				SPARE
2	12				SPARE
2	13				SPARE
2	14				SPARE
2	15				SPARE
2	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.  
 --- CLOSED CONTACT  
 - - - - - OPEN CONTACT  
 MOTORS 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. ENG. 15-877-2750-3 02V. A

PRC APERTURE CARD

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNIT 1

ELECTRICAL-ELEMENTARY DIAGRAM

MSIV LEAKAGE CONTROL SYSTEM OUTBOARD BLEED VALVE F007

CHANGED 0.23HP TO 0.12HP	CHANGED FUSE	ADDED FITS INFORMATION CHANGED FUSE & HP INFO	REVISED R61 ALARM SYSTEM AND AS INDICATED	REVISIONS	DATE	BY	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	
D	TAM	DEB	RAM	3/17/77	3/17/77	C	CS	RAM	3/17/77	B	RAM	DEB	RAM	3/17/77	A	WW	RAM	DEB	RAM	3/17/77
ELEM DIAG 1E32-F007										644549-000										
GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS										DATE										
CONSTRUCTION										TFF										
PRELIMINARY										DATE										
RELEASED FOR										SUBR.										
DRAWING NUMBER										DATE										

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