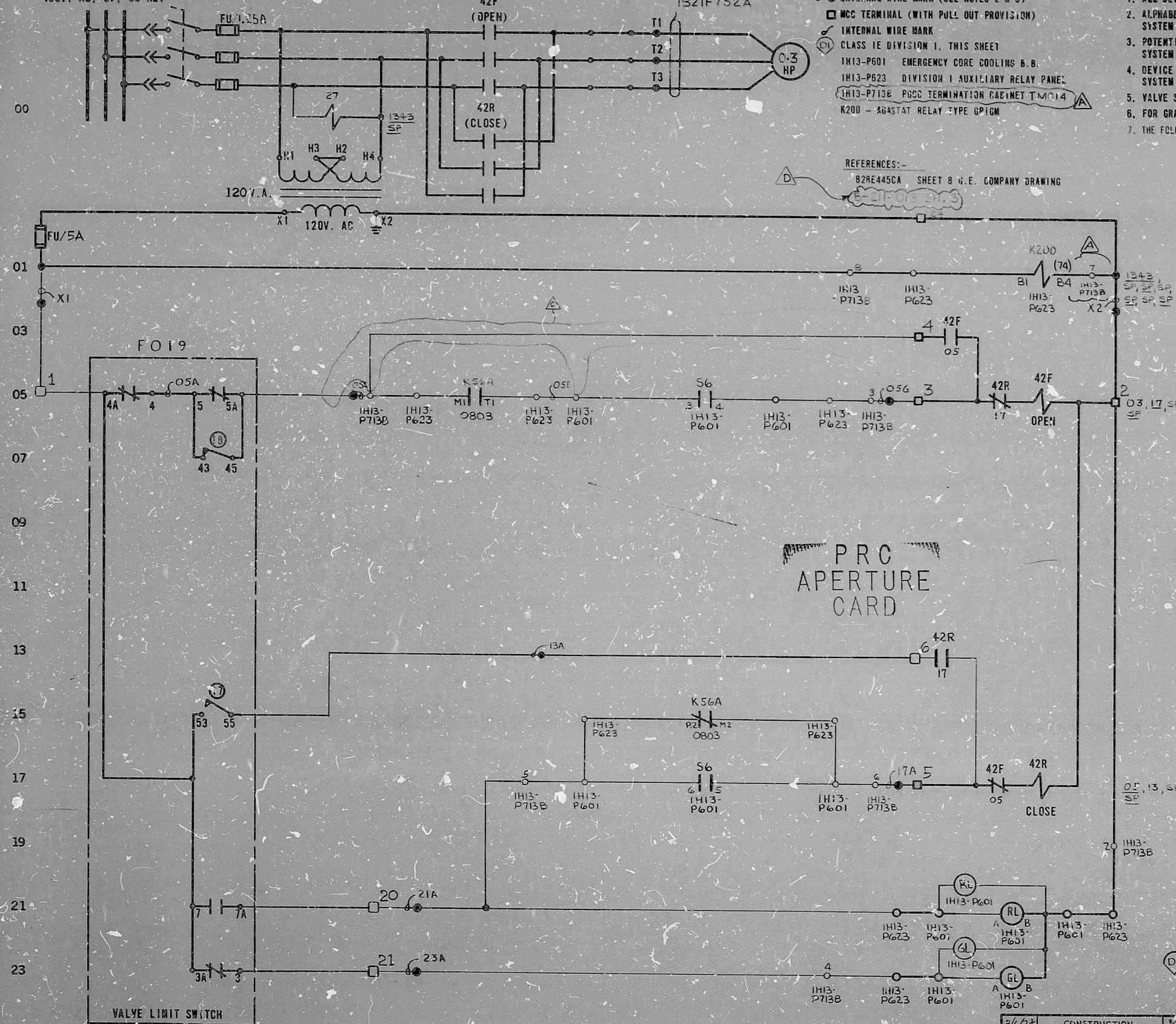


MOTOR CONTROL CENTER EFF1A07 COMPT. E.  
480V. AC. 3Φ. 60 HZ.



**LEGEND:**  
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)  
 □ MCC TERMINAL (WITH PULL OUT PROVISION)  
 INTERNAL WIRE MARK  
 CLASS 1E DIVISION 1, THIS SHEET  
 IH13-P601 EMERGENCY CORE COOLING B.B.  
 IH13-P623 DIVISION 1 AUXILIARY RELAY PANEL  
 IH13-P713B P623 TERMINATION CABINET TMO14  
 K200 - AGASTAT RELAY TYPE GP1GM

**REFERENCES:-**  
 B2RE445CA SHEET B G.E. COMPANY DRAWING

**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 B21H1735A)  
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE B21H17X1)  
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE 1871-F015) 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 1821H:  
 S6 - SWITCH

ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	FULL OPEN	A	B FULL CLOSED	
1				SPARE
2				SPARE
3				23
4				05
5				05
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.  
 --- CLOSED CONTACT  
 - - - - - OPEN CONTACT  
 ROTORS 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITIV. IN BETWEEN AS INDICATED BY POINTS A AND B.  
 REF: PHILA. GEAR CORP. DWG. 15-477-2759-5 REV. A

S6/IH13-P601 CONTROL SWITCH			
(CAM 2) CONTACTS	NAMEPLATE (REV)		CONTACT LOCATION
	CLOSE	NO RM OPEN	
TF 1, 2	X		SPARE
TR 3, 4		X	05
BF 5, 6	X		17
BR 7, 8		X	SPARE
OPER. BLOCK CR2940-UN2/3A X-CLOSED CONTACT			
SPRING RETURN TO NORMAL			

**NUCLEAR SAFETY RELATED**  
 THE CLEVELAND ELECTRIC ILLUMINATING CO.  
 PERRY NUCLEAR POWER PLANT UNIT 1  
 ELECTRICAL-ELEMENTARY DIAGRAM  
 NUCLEAR STEAM SUPPLY SHUTOFF SYSTEM  
 MAIN STEAMLINE DRAIN ISOLATION  
 MOTOR OPERATED VALVE FO19  
 (OUTBOARD)

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.	ENG. APP.	DATE	DRAWING NUMBER	SYSTEM SN. NO.	REV			
																										04	4549	B-208-013	B21	IH17	D

ELEM D A G I B 2 1 - F 0 1 9



Rids

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