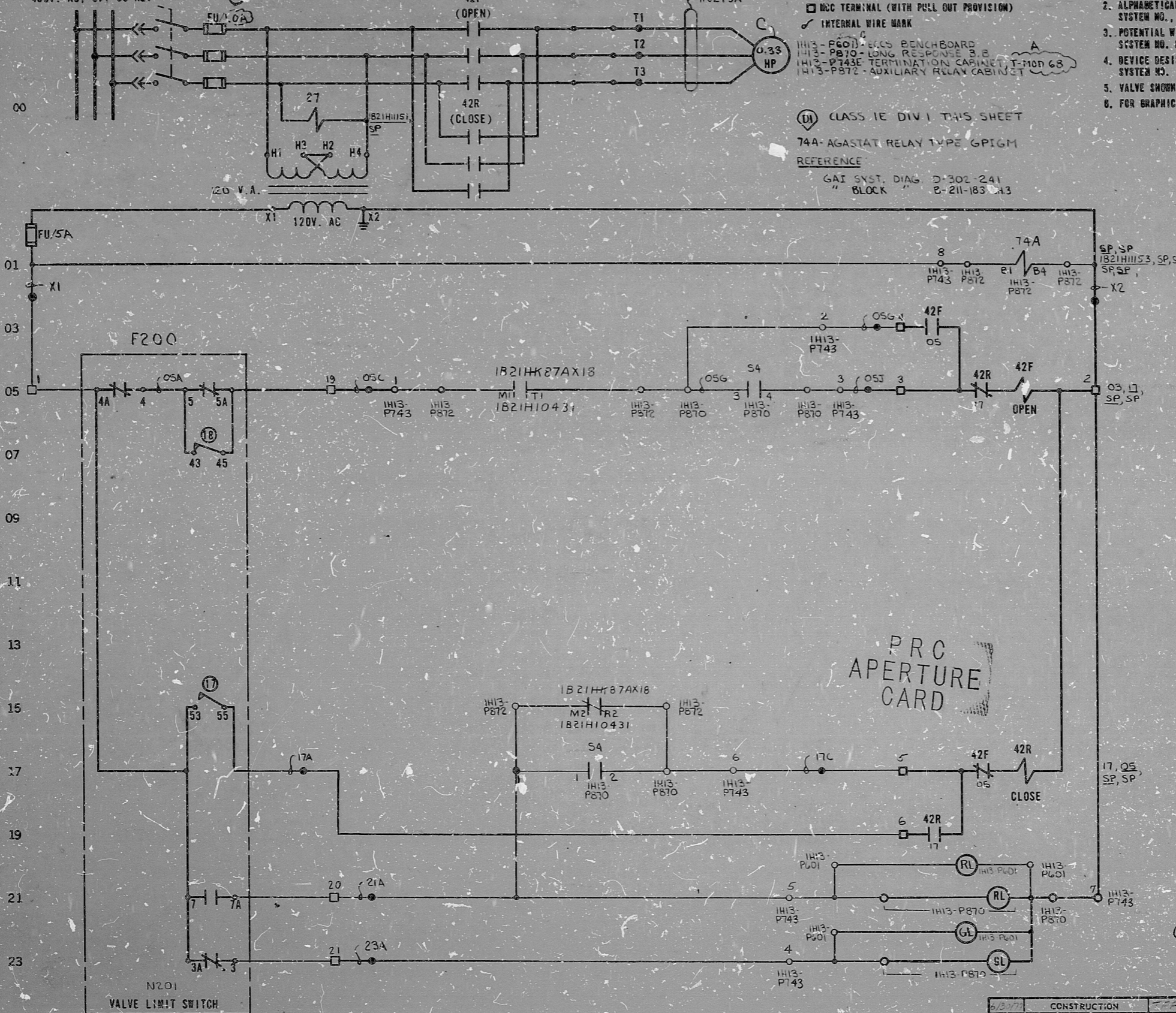


MOTOR CONTROL CENTER EFIA 07 COMPT. X K  
480V. AC, 3Ø, 60 HZ.



**LEGEND:**  
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)  
 □ MCC TERMINAL (WITH PULL OUT PROVISION)  
 ○ INTERNAL WIRE MARK  
 ○ CLASS. I.E. DIV. 1 THIS SHEET  
 74A-AGASTAT RELAY TYPE GP1GM  
 REFERENCE  
 GAT SYST. DIAG. D-302-241  
 BLOCK B-211-183-143

**NOTES:**  
 1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.  
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE P52 03 05A)  
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO. & SHEET NO. (EXAMPLE P52 03 X1)  
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT & SYSTEM NO. (EXAMPLE P52-54)  
 5. VALVE SHOWN IN FULL CLOSED POSITION.  
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-200-001.

ROW	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	FULL OPEN	A	B	
1				SPARE
2				SPARE
3				25
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 OF 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 POSITION IN BETWEEN AS INDICATED BY POINTS A AND B.  
 REF: PHILA. GEAR CORP. DWG. 15-477-2759-5 REV. A

PRC APERTURE CARD

S4/1H13-P870 CONTROL SWITCH				
CONTACTS	NAMEPLATE (F.V.)			CONTACT LOCATION
	OPERATOR	CLOSE	AUTO	
TR 1 2	X			17
TR 3 4			X	05
RF 5 6	X			SPARE
BL 7 8			X	SPARE
OPER & BLDK. CR 2940-US203A				
X - CLOSED CONTACTS				
SPRING RETURN TO AUTO.				

NUCLEAR SAFETY RELATED

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

INSTRUMENT AIR  
 OUTBOARD ISOLATION M.O.V.  
 F200

REV. HP & FUSE RATING N/A	REV. M.C.C. 11, 12 & 13 TO 19, 20 & 21	ADDED FITS INFO	READING PA.	GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS	044549-000	DRG GRZ DEG TFF	04	4549	B-208-183	P52	03	C			
REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE

ELF DIAG I/P 52-F200

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Rids

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