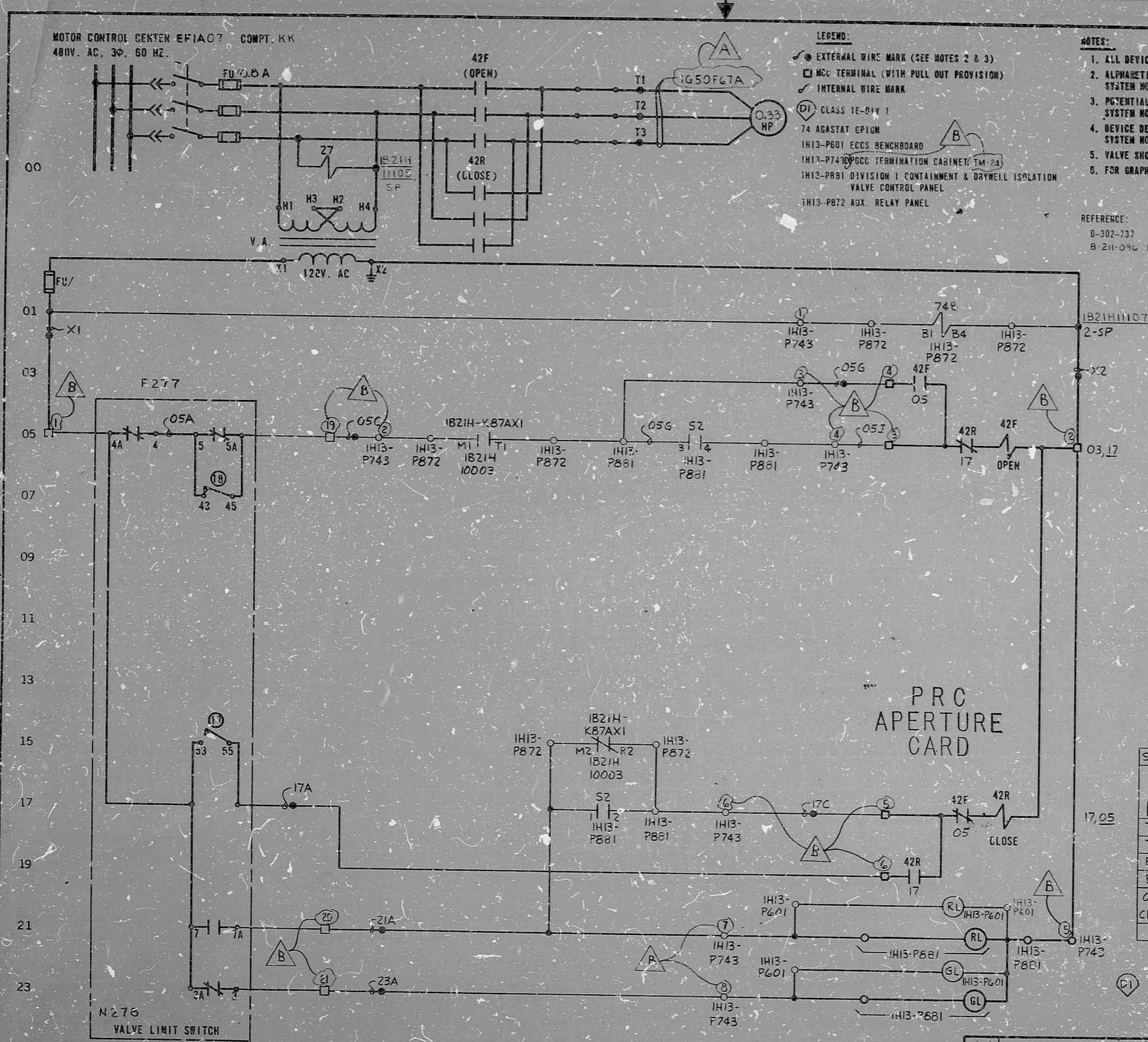


MOTOR CONTROL CENTER EF1A07 COMPT. KK
480V. AC. 3Φ. 60 HZ.



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - ⊖ CLASS 1E-DIV 1
 - 74 AGASTAT EPDM
 - 1H13-P601 EDCS BENCHBOARD
 - 1H13-P743 PCCC TERMINATION CABINET (TM-24)
 - 1H13-P881 DIVISION 1 CONTAINMENT & DRYWELL ISOLATION VALVE CONTROL PANEL
 - 1H13-P872 AUX. RELAY PANEL

- 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: G500205A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO. & SHEET NO. (EXAMPLE: G5002X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT & SYSTEM NO. (EXAMPLE: 1G50-S2)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.

REFERENCE:
B-302-737 GAI SYS. DIAG.
B-211-096 BLOCK DIAG. SH 42

ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	FULL OPEN	A	B	
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
- ROTTORS 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. 15-877-2759-3 REV. A

PRC APERTURE CARD

S2 /1H13-P881 CONTROL SWITCH				
CONTACTS		NAMEPLATE (F.V.)		
OPERATOR		CLOSE	AUTO	OPEN
TF	1 2	X		17
TR	3 4			05
BF	5 6	X		SP
BR	7 8			SP
OPER # BLOCK				X - CLOSED CONTACT
CR2940-US203A		SPRING RETURN TO NORMAL		

NUCLEAR SAFETY RELATED
THE CLEVELAND ELECTRIC ILLUMINATING CO
PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM
LIQUID RADWASTE SYSTEM
RWCU BACKWASH-OUT OUTBOARD
ISOLATION M.C.V. F277

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	
B	RAH	DM	REC	7-1982	A	JA	DK	QC	7-15-78											

ADDED T-MCC INFO, FITS, & MCC TERM. NO'S, FUSE & HP RATING
ADDED WIRE MARK TO MOTOR WIRING

READING PA. U44549-000 TLL GER DG 11/3/77

GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

4549 B-208-096 G50 02 B
DRAWING NUMBER SYSTEM #4 NO. REV.

ELEM DIAG 1G50-F277

RIDS

8212160763

