

MOTOR CONTROL CENTER EFIC07 COMPT. L.  
480V. AC, 3Ø, 60 HZ.

\* FUSE LOCATED IN R24-SAL3-SEC. 14 - FT

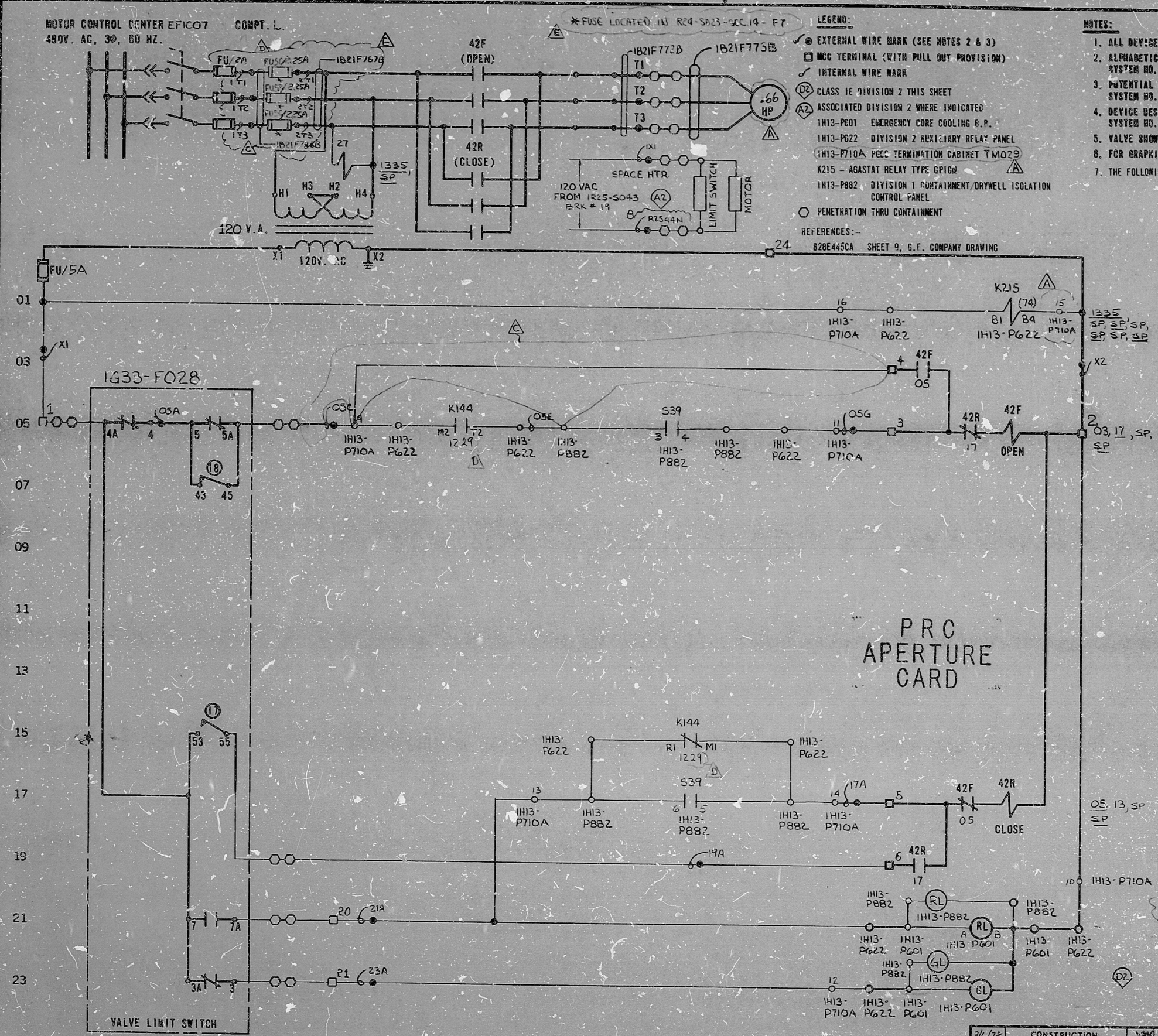
LEGEND:

- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
- MCC TERMINAL (WITH PULL OUT PROVISION)
- INTERNAL WIRE MARK
- CLASS 1E DIVISION 2 THIS SHEET
- ASSOCIATED DIVISION 2 WHERE INDICATED
- IH13-P01 EMERGENCY CORE COOLING R.P.
- IH13-P02 DIVISION 2 AUXILIARY RELAY PANEL
- IH13-P710A PCC TERMINATION CABINET TMO23
- K215 - AGASTAT RELAY TYPE GP1GM
- IH13-P002 DIVISION 1 CONTAINMENT/DRYWELL ISOLATION CONTROL PANEL
- PENETRATION THRU CONTAINMENT

NOTES:

- ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN H.C.G.
- ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE B21H3205A)
- POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE B21H321)
- DEVICE DESIGNATIONS ARE PREFIXED BY: SYSTEM NO. (EXAMPLE 1G33-F028) 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 B21H:
  - S39 SWITCH

REFERENCES:  
B20E445CA SHEET 9, G.F. COMPANY DRAWING



ROTOR	CONTACT	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		FULL OPEN	FULL CLOSED	
1	1			SPARE
1	2			SPARE
1	3			SPARE
1	4			SPARE
2	5			SPARE
2	6			SPARE
2	7			SPARE
2	8			SPARE
3	9			SPARE
3	10			SPARE
3	11			SPARE
3	12			SPARE
3	13			SPARE
3	14			SPARE
3	15			SPARE
3	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

ROTOR 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. 15-977-2799-3 REV. A

S39/IH13-P882 CONTROL SWITCH		NAMEPLATE (FV)		CONTACT LOCATION	
OPERATOR		CLOSE	NORM	OPEN	LOCATION
TF	1 2	X			SPARE
TR	3 4			X	05
BF	5 6	X			17
BR	7 8			X	SPARE
OPER 4 BLOCK CR2940-US205A		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  
RWC SYSTEM VALVE (INBGARD)  
1G33-F028

ADDED FUSE SIZES & LOCATION OF SECOND SET OF PWR FUSES PER ECN # 9348-B6-151		CHANGED FUSE DESIGNATION		REVISED PER PY-GEN/GAI-1385 REMOVED HOLD ADDED FUSE PER PY-GEN/GAI-1385		CHANGED FUSE INFORMATION		ADDED FITS INFORMATION CHANGED HP RATING		READING PA.		GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS		DRAWING NUMBER		SYSTEM SH. NO. REV.																			
REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	WORK ORDER	MADE	CHKD	DR. APP.	ENG. APP.	DATE	04	4549	B-208-013	B21	H32	E									
E	YK	TAM	RB	RAM	1/16/82	D	YZ	AM	DEG	RAM	2/13/82	C	YZ	AM	DEG	RAM	1-4-80	A	RM	RAM	DEG	RAM	7/25/84	044549-000	GRG	JMS	10/9/78								
ELEM DIAG 1G33-F028																																			
REV C WCR 1249																																			



Rids

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