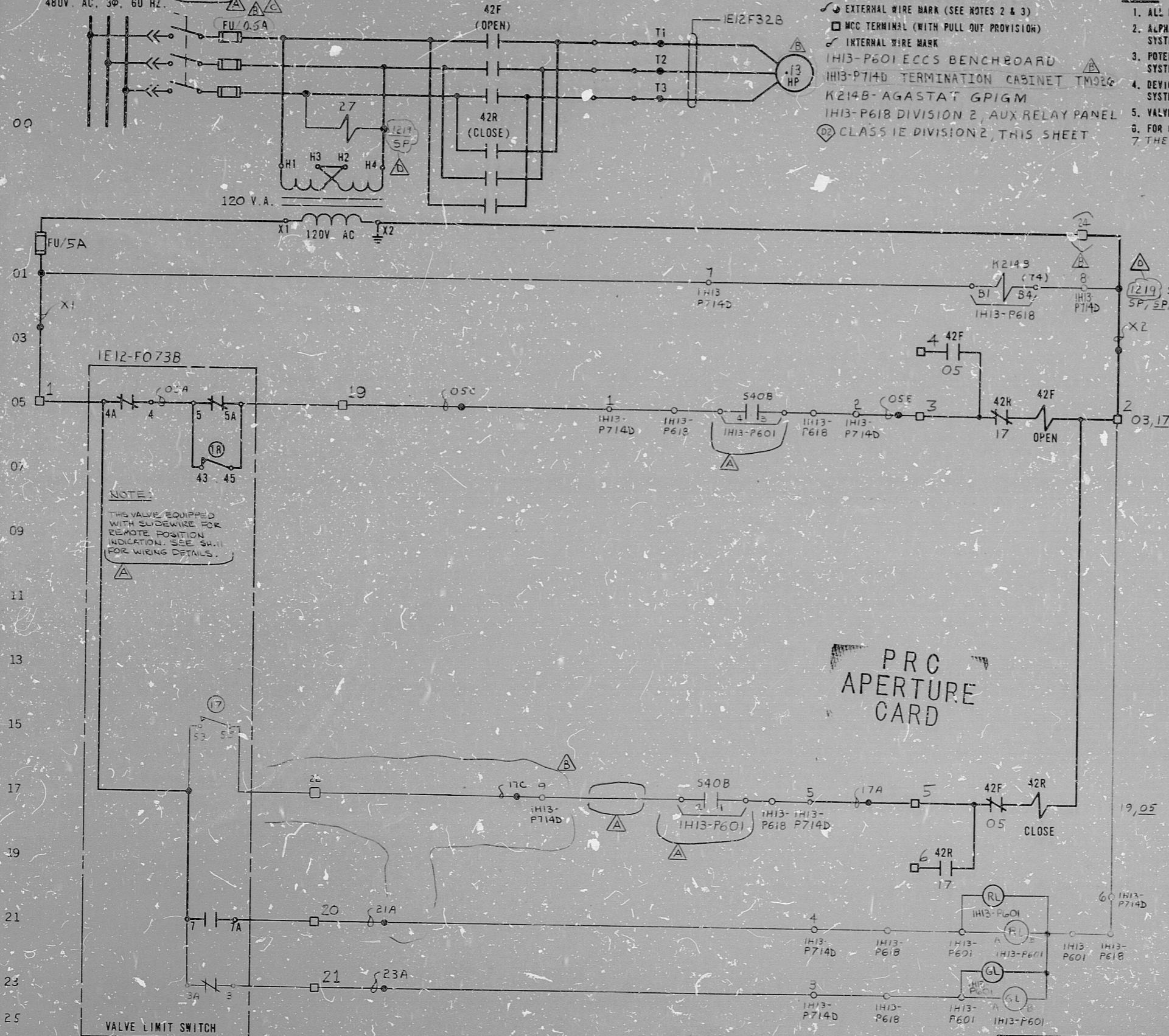


MOTOR CONTROL CENTER EF1D07 CONT. EE.
480V. AC. 3Ø. 60 HZ.



LEGEND:

- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
- MCC TERMINAL (WITH PULL OUT PROVISION)
- INTERNAL WIRE MARK
- IH13-P601 ECCS BENCHBOARD
- IH13-P714D TERMINATION CABINET TMO2EG
- K214B-AGASTAT GPIGM
- IH13-P618 DIVISION 2, AUX RELAY PANEL
- CLASS I E DIVISION 2, THIS SHEET

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 E12A5905A)
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A39X1)
4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE E12-F073B) 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: E12A:
540B - SWITCH

REFERENCE

GE. CO. DWG. 82BE534CA SH.14

LIMIT SW. CONTACT DEVELOPMENT	VALVE POSITION		CONTACT LOCATION
	FULL OPEN	FULL CLOSED	
1			SPARE
2			SPARE
3			SPARE
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

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. 15-277-2752-3 REV. A

PRC APERTURE CARD

540B/IH13-P601 CONTROL SWITCH		NAMEPLATE (FV)		CONTACT LOCATION
		CLOSE	NORM OPEN	
TF1	2	X		17
TB3	4		X	05
BF5	6	X		SPARE
BR7	8		X	SPARE

OPERATOR: X - CLOSED CONTACT
 SPRING RETURN TO NORM

NOTE:
 THE VALVE EQUIPPED WITH SLIDEWIRE FOR REMOTE POSITION INDICATION. SEE SH.11 FOR WIRING DETAILS.

CHANGE 120V-240 ON 27E				CHANGED FUSE SIZE				ADDED FTS INFORMATION				REVISED CONTACT DESIG.				FEADING																																																	
74 RELAYS ADDED REFERENCE				AS PER GAS BLUEPRINT				ADDED TERM. CAB				REMOVED TERM. POINTS				PA.																																																	
CHANGED HP & FUSE INFORM				CHANGED HP & FUSE INFORM				ADDED NOTE				GILBERT ASSOCIATES, INC.				ENGRS AND CONSULTANTS																																																	
<table border="1"> <tr> <th>REV</th> <th>MADE</th> <th>CHKD</th> <th>APPROVALS</th> <th>DATE</th> <th>REV</th> <th>MADE</th> <th>CHKD</th> <th>APPROVALS</th> <th>DATE</th> <th>REV</th> <th>MADE</th> <th>CHKD</th> <th>APPROVALS</th> <th>DATE</th> <th>REV</th> <th>MADE</th> <th>CHKD</th> <th>APPROVALS</th> <th>DATE</th> </tr> <tr> <td>D</td> <td>12/15/77</td> <td></td> <td></td> <td></td> <td>C</td> <td>12/15/77</td> <td></td> <td></td> <td></td> <td>B</td> <td>12/15/77</td> <td></td> <td></td> <td></td> <td>A</td> <td>12/15/77</td> <td></td> <td></td> <td></td> </tr> </table>												REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	D	12/15/77				C	12/15/77				B	12/15/77				A	12/15/77				<table border="1"> <tr> <td>424549-000</td> <td>B</td> <td>I</td> <td>R</td> <td>12/15/77</td> </tr> <tr> <td>04549</td> <td>B-208-055</td> <td>E12</td> <td>A59</td> <td></td> </tr> </table>				424549-000	B	I	R	12/15/77	04549	B-208-055	E12	A59	
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ELEM DIAG I E 12 - F 0 7 3 B																		DRAWING NUMBER		SYSTEM SH. NO. REV.																																													

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM
 RESIDUAL HEAT REMOVAL SYSTEM
 HEAT EXCHANGER VENT MOV
 F073B
 (THROTTLE VALVE)

46 46
 11
 98
 98
 8.5"
 11"
 17"

46 46
 11
 98
 98
 8.5"
 11"
 17"

RIPS

82L2160473

