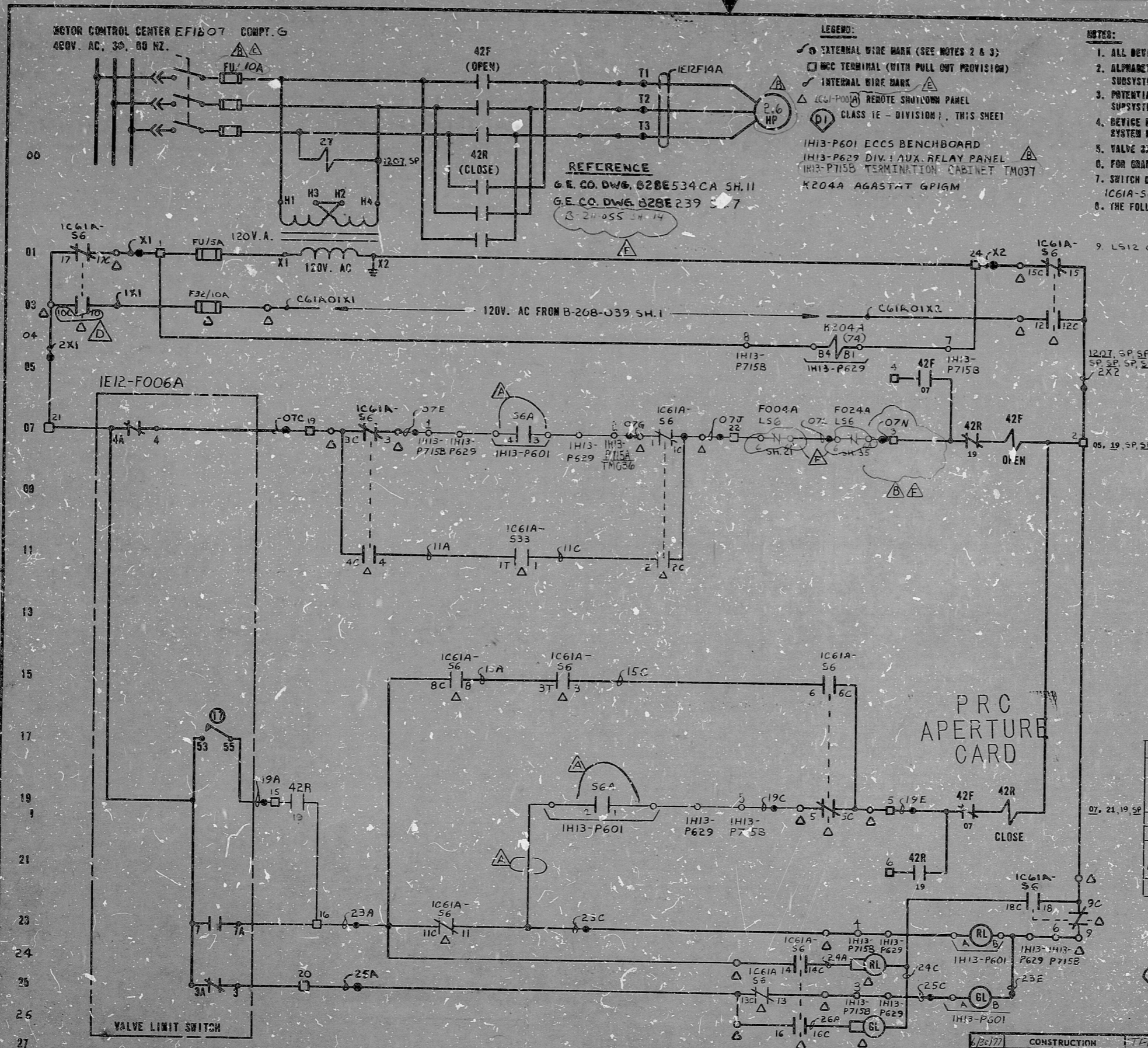


REACTOR CONTROL CENTER EF1807 COMPT. G
480V. AC, 3Ø, 60 HZ.



REFERENCE
G.E. CO. DWG. 828E534CA SH.11
G.E. CO. DWG. 828E239 SH.7
(S. 21 055 SH. 14)

- LEGEND:
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - WPC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - △ (C61-P001) REMOTE SHUTDOWN PANEL
 - Ⓛ CLASS 1E - DIVISION 1, THIS SHEET
- IH13-P601 ECCS BENCHBOARD
 IH13-P629 DIV. 1 AUX. RELAY PANEL
 IH13-P715B TERMINATION CABINET TM037
 K204A AGASTAT 6P16M

- NOTES:
1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN H.C.C.
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE E12A2807A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., & SHEET NO. (EXAMPLE E12A28 XI)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE F12-F006A) EXCEPT AS NOTED (SEE NOTE B)
 5. VALVE 230MM IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-200-001.
 7. SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES IC61A-56 & IC61A-533 ARE SHOWN ON DRAWING B-200-039.
 8. THE FOLLOWING DEVICES ARE PREFIXED BY: E12A
56A-SWITCH
 9. LS12 CLOSED UNLESS VALVE FULL OPEN

ROW	CONTACT	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		VALVE POSITION	CONTACT LOCATION	
		FULL OPEN	FULL CLOSED	
1	1			SPARE
1	2			25
1	3			07
1	4			SPARE
2	5			SPARE
2	6			SPARE
2	7			23
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

- Ⓛ CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR FULLY CLOSED VALVE.
- Ⓛ OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPENED VALVE. (SPARE).

— CLOSED CONTACT
- - - OPEN CONTACT

NOTES 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: P11A, GEAR CORP. DWG. 15-477-2750-3 REV. A

56A/IH13-P601 CONTROL SWITCH (CAM 9)			
CONTACT	NAMEPLATE (FV)	CONTACT LOCATION	
OPERATOR	CLOSE	OPEN	
F1	2	X	19
R3	4		07
OPER & BLOCX CR240-UB202A X CLOSED CONTACT			
MAINTAINED CONTACTS			

REMOTE SHUTDOWN
NUCLEAR SAFETY RELATED

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

RESIDUAL HEAT REMOVAL SYSTEM
SHUTDOWN COOLING VALVE F006A

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE		
E	N	Z	RAM	DEG	RAM	4/16/80	D	J	RAM	DEG	RAM	4-16-80	C	J	RAM	DEG	RAM	4-16-80	B	RAM	DEG	RAM	4-16-80	A	RAM	DEG	RAM	4-16-80	044543-000	S	J	RAM	DEG	TFE	6/30/79	04	4549	1B-200-055	E12	A28	E

ELEM DIAG SHUTDOWN COOL VLV F006A

6.1
6.11
6.9
6.5
6.5
11
17

6.1
6.11
6.9
6.5
6.5
11
17

RIDS

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