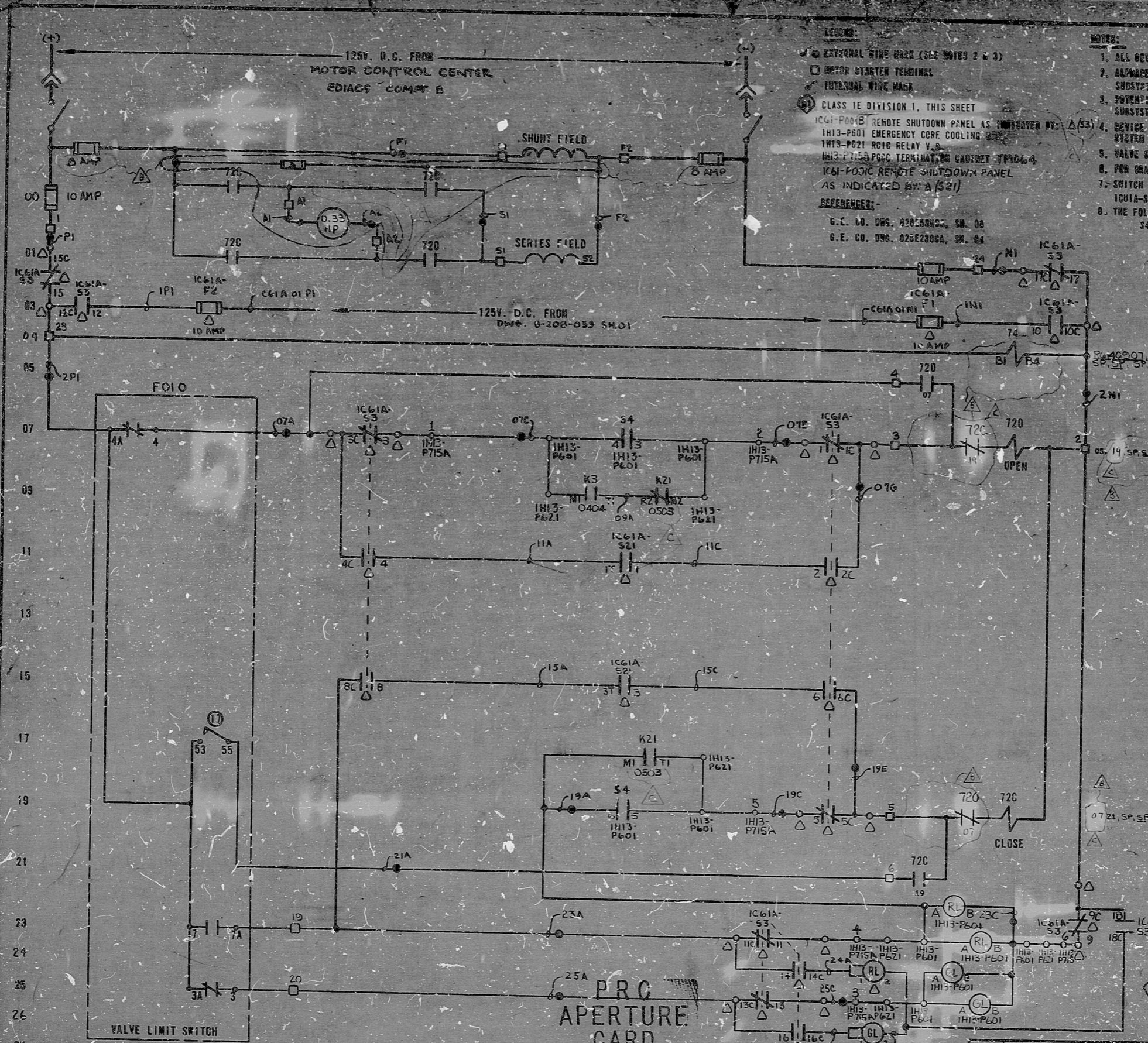


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LEGEND:
 [Symbol] EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 [Symbol] MOTOR STARTER TERMINAL
 [Symbol] INTERNAL WIRE MARK
 CLASS 1E DIVISION 1, THIS SHEET
 IC61-P001B REMOTE SHUTDOWN PANEL AS INDICATED BY: A (53)
 IH13-P601 EMERGENCY CORE COOLING RELAY
 IH13-P621 RCIC RELAY V.D.
 IH13-P715A RCIC TERMINATION CABINET 771064
 IC61-P001C REMOTE SHUTDOWN PANEL AS INDICATED BY: A (521)

REFERENCES:
 G.E. LD. DWG. 82053002, SH. 08
 G.E. CO. DWG. 02022300A, SH. 04

NOTES:
 1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN MOTOR STARTER.
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE: E51A1507A).
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., & SHEET NO. (EXAMPLE: E51A15P1).
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE: 1E51-F010), EXCEPT AS NOTED (SEE NOTE 8).
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. PER GRAPHIC STANDARDS REFER TO DRAWING 8-208-001.
 7. SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES 1001A-53, 1001A-521 ARE SHOWN ON DRAWING 8-208-039.
 8. THE FOLLOWING DEVICES ARE PREFIXED BY 1E51A:
 S4 - SWITCH

NO.	TYPE	LIMIT SW. CONTACT DEVELOPMENT				CONTACT LOCATION
		VALVE POSITION		FULL CLOSED		
		FULL OPEN	A	B	SPARE	
1						SPARE
2						SPARE
3						25
4						07
5						SPARE
6						23
7						SPARE
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. (SPARE)
 --- CLOSED CONTACT
 - - - - - OPEN CONTACT
 ROT'S 3 AND 8 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. 15-477-2759-3 REV. A

S4/IH13-P601 CONTROL SWITCH				
(CAM) CONTACTS	NAMEPLATE (E.V.)			CONTACT LOCATION
	OPERATOR	CLOSE	AUTO	
TF 1	2	X		SPARE
TR 3	4		X	07
BF 5	6	X		19
BR 7	8		X	SPARE
OPER. BLOCK C8340-US703A X - CLOSED CONTACT				
SPRING RETURN TO AUTO				

REMOVED CONTACT 74 LINE ON REVISED MCC EDDA9 COM. B PER VENDOR
 ADDED REMOTE SHUTDOWN PANEL COMPARTMENT DESIGNATION
 CHANGED HP & FUSES REVISED STARTER PER VENDOR
 ADDED FITS INFORMATION

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	

7-28-77 CONSTRUCTION TFF
 PRELIMINARY
 DATE RELEASED FOR ENGR.
 GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS
 044549-000 RAM G.R.G. DEG TFF 7-28-77
 WORK ORDER MADE CHKD. DR. APP. ENG. APP. DATE

REMOTE SHUTDOWN
 NUCLEAR SAFETY RELATED
 THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM
 REACTOR CORE ISOLATION COOLING SYSTEM PUMP SUCTION FROM CONDENSATE STORAGE TANK MOV PD10
 DRAWING NUMBER: 4549 B-208-075 E51 A15 C
 SYSTEM SH. NO. REV.

ELEM. DIAG. 1E51-F010

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RIDS

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