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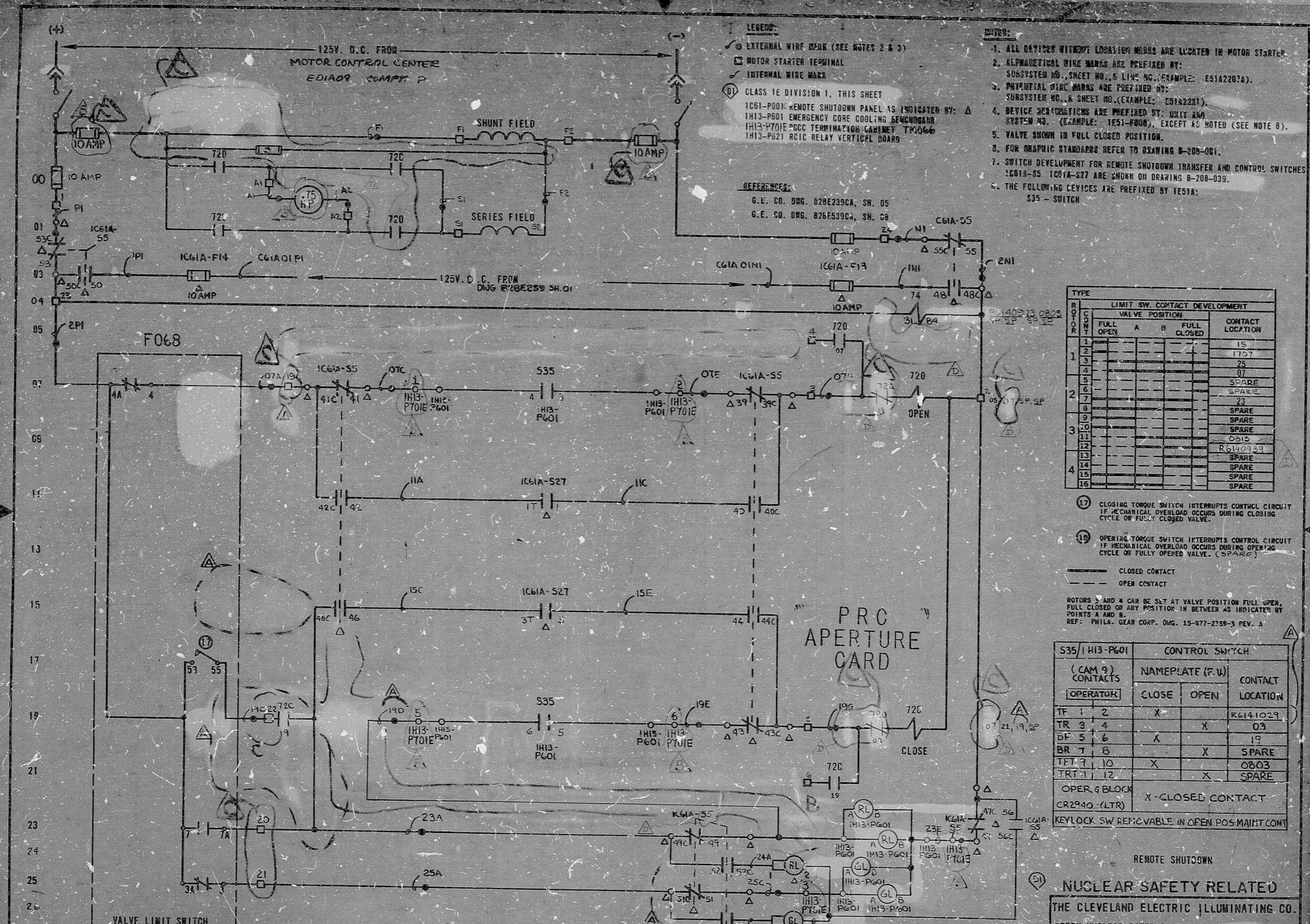
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**LEGEND:**

- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
- MOTOR STARTER TERMINAL
- INTERNAL WIRE MARK
- CLASS 1E DIVISION 1, THIS SHEET

**NOTES:**

- ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN MOTOR STARTER.
- ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE: E51A2207A).
- POTENTIAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO. & SHEET NO. (EXAMPLE: E51A221).
- DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE: 1E51-P601), EXCEPT AS NOTED (SEE NOTE 8).
- VALVE SHOWN IN FULL CLOSED POSITION.
- FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.
- SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES: C61A-55, IC61A-S27 ARE SHOWN ON DRAWING B-208-039.
- THE FOLLOWING DEVICES ARE PREFIXED BY 1E51A: S35 - SWITCH

**REFERENCES:**

- G.E. CO. DWG. 028E239CA, SN. 05
- G.E. CO. DWG. 828E539CA, SN. 08

ROW	CONTACT	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		VALVE POSITION		
		FULL OPEN	FULL CLOSED	
1				15
2				1707
3				25
4				07
5				SPARE
6				SPARE
7				23
8				SPARE
9				SPARE
10				0803
11				SPARE
12				R614029
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

ROTORS 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. 15-877-2758-3 REV. A

S35/IH13-P601 CONTROL SWITCH			
(CAM 9) CONTACTS	NAMEPLATE (F.W.)		CONTACT LOCATION
	OPERATOR	CLOSE	
TF 1 2	X		R6141029
TR 3 4		X	03
DF 5 6	X		19
BR 7 8		X	SPARE
TFT 9 10	X		0803
TRT 11 12		X	SPARE
OPER. BLOCK X-CLOSED CONTACT			
CR2940 (LTR)			
KEYLOCK SW REMOVABLE IN OPEN POS-MAINT CONT			

REMOTE SHUTDOWN

**NUCLEAR SAFETY RELATED**

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

REACTOR CORE ISOLATION COOLING SYSTEM  
TURBINE EXHAUST TO SUPPRESSION POOL  
MOV F068

7-28-77 CONSTRUCTION TFF  
PRELIMINARY  
DATE RELEASED FOR ENGR.

GILBERT ASSOCIATES, INC.  
ENGINEERS AND CONSULTANTS

044549-000 J.G.S. G.R.C. DEG. TFF 7-28-77  
PA. MADE CHKD. DR. APP. EGR. APP. DATE

DRAWING NUMBER: 04 4549 B-208-075 E51 A22 D  
SYST#4 SH NO. REV.

REVISED MCC (EDIA09 COMP) PER VENDOR DWG REMOVED CONTACT FROM COMPARTMENT DESIGNATION	REVISED STARTER PER VENDOR (CHANGED) FUSE SIZE	ADDED FITS INFORMATION CHANGED FUSE & HP IN FORM CHANGED TERM CABINET	ADDED CONTACT (72C), REV. CONTACT IDENT. & WIRING.	READING PA.	044549-000
D YZ RA DEG RA 5/14/82	C CAG RA DEG RA 11-26-79	B RM RA DES RA 7-31-79	A WW RA DEG RA 7-20-77		
ELEM DIAG 1E51-F068					

RIDS

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