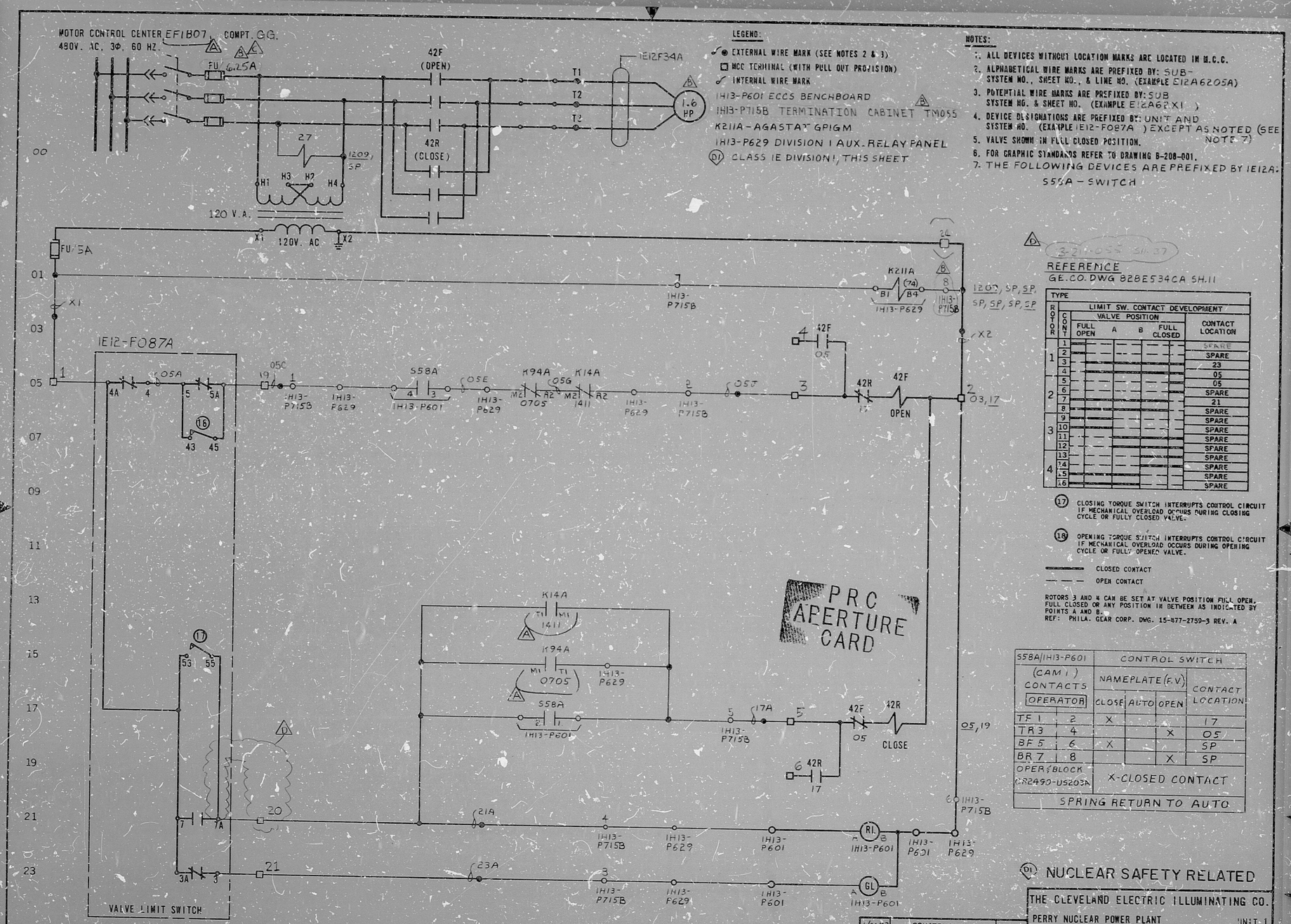


LEGEND:

- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
- MCC TERMINAL (WITH PULL OUT PROVISION)
- INTERNAL WIRE MARK
- 1H13-P601 ECCS BENCHBOARD
- 1H13-P715B TERMINATION CABINET TM055
- K211A - AGASTAT GP1GM
- 1H13-P629 DIVISION I AUX. RELAY PANEL
- (D1) CLASS 1E DIVISION I, 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 E12A6205A)
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB SYSTEM NO. & SHEET NO. (EXAMPLE E12A62X1)
4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE 1E12-F087A) 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 1E12A:
   S55A - SWITCH

REFERENCE
GE.CO. DWG 828E534CA SH.11

TYPE ROTOR	CONT	LIMIT SW. CONTACT DEVELOPMENT: VALVE POSITION FULL OPEN	A	B	FULL CLOSED	CONTACT LOCATION
1	1					SPARE
	2					SPARE
	3					23
	4					05
2	5					05
	6					SPARE
	7					21
	8					SPARE
3	9					SPARE
	10					SPARE
	11					SPARE
	12					SPARE
4	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

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. 15-877-2759-3 REV. A

S58A/1H13-P601 (CAM 1) CONTACTS		CONTROL SWITCH NAMEPLATE (E.V.) CLOSE	AUTO	OPEN	CONTACT LOCATION
OPERATOR					
TF1	2	X			17
TR3	4			X	05
BF5	6	X			SP
BR7	8			X	SP
OPER. BLOCK C12490-U5203A		X-CLOSED CONTACT			
SPRING RETURN TO AUTO					

(D1) NUCLEAR SAFETY RELATED

REV	MADE	CHKD	APPROVALS	DATE	
D	SCJ	TMN	TFE	RAM	11/6/82
C	CJS	RAM	DEG	RAM	4/17/79
B	TMN	RAM	DEG	RAM	8/17/77
A					

REPOSITIONED WIRE INSIDE CABINET; ADDED REFERENCE PER CAT DRAWING
CHANGED FUSE SIZE
ADDED FITS INFORMATION ADDED TERM CAB CHANGED HP & FUSE INFORM
REVISED CONTACT DESIG.

DATE	RELEASED FOR	ENGR.
6/30/77	CONSTRUCTION	TFE
	PRELIMINARY	

READING PA. — GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS — GAI

WORK ORDER	MADE	CHKD.	DR. APP.	ENG. APP.	DATE
044549-000	RAM	DEG	TFE		6/20/77

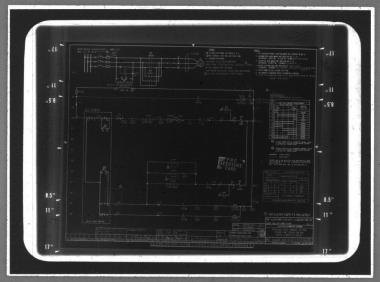
THE CLEVELAND ELECTRIC ILLUMINATING CO.
PERRY NUCLEAR POWER PLANT — UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM
RESIDUAL HEAT REMOVAL SYSTEM
STEAM LINE ISOLATION MOV
F087A (THROTTLE VALVE)

DRAWING NUMBER		SYSTEM	SH. NO.	REV.
04	4849	B-208-055	E12	A62	D

ELEM DIAG STM LINE ISO MOV F087A

RIDS

8212160479



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