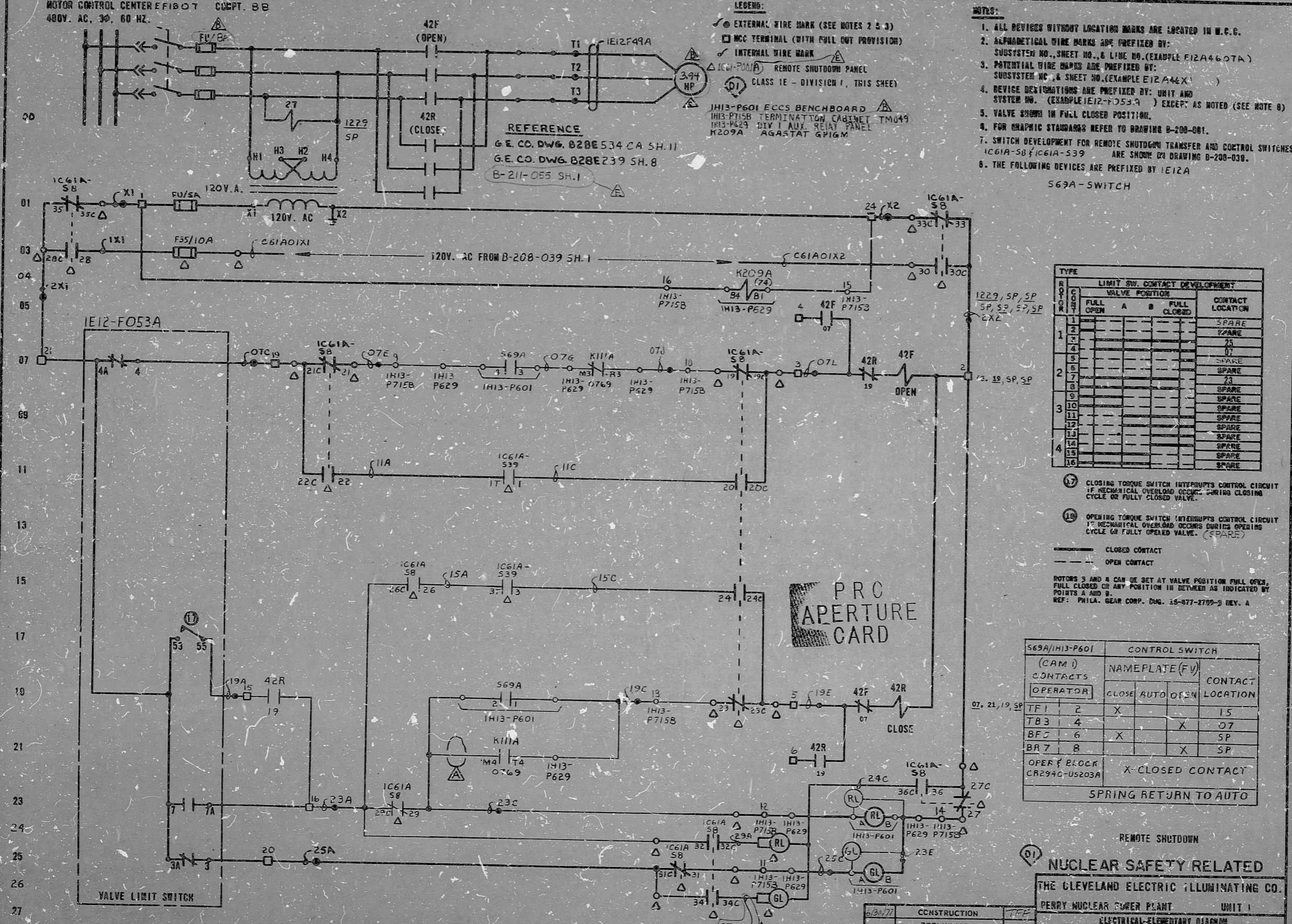


MOTOR CONTROL CENTER FIBOT CONPT. 8B  
480V. AC, 3Ø, 60 HZ.



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
  - MCC TERMINAL (WITH FULL OUT PROVISION)
  - INTERNAL WIRE MARK
  - △ (IC61A) REMOTE SHUTDOWN PANEL
  - ⊙ (DI) CLASS 1E - DIVISION 1, THIS SHEET

**REFERENCE**  
G.E. CO. DWG. B28E534 CA SH.11  
G.E. CO. DWG. B28E239 SH.8  
B-211-055 SH.1

- NOTES:**
- ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.
  - ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE F12A4607A)
  - POTENTIAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO. & SHEET NO. (EXAMPLE E12A44X)
  - DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE E12-F053A) EXCEPT AS NOTED (SEE NOTE B)
  - VALVE SHOWN IN FULL CLOSED POSITION.
  - FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.
  - SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES IC61A-58 & IC61A-539 ARE SHOWN ON DRAWING B-208-039.
  - THE FOLLOWING DEVICES ARE PREFIXED BY IE12A  
569A-SWITCH

ROTOR	CONTACT	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		FULL OPEN	FULL CLOSED	
1	1			SPARE
1	2			SPARE
1	3			25
1	4			07
1	5			SPARE
2	6			SPARE
2	7			23
2	8			SPARE
2	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
- 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. 15-377-2705-3 REV. A

569A/1H13-P601 CONTROL SWITCH		NAMEPLATE (FV)		CONTACT LOCATION
(CAM 1) CONTACTS	OPERATOR	CLOSE	OPEN	
TF1	2	X		15
TB3	4		X	07
BF5	6	X		SP
BR7	8		X	SP
OPER. BLOCK CR2940-US203A		X-CLOSED CONTACT		

SPRING RETURN TO AUTO

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 INJECTION MGV-F053A (THROTTLE TYPE)

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

GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

REV	DATE	BY	CHKD	APPROVALS
E	11-14-75	RAM	DES	RAM
B	8-17-77	RAM	DES	RAM
A	7-21-78	RAM	DES	RAM

WORK ORDER: 044549-000  
DRAWING NUMBER: H549 B-208-055 E12 A46 E

ADDED REMOTE SHUTDOWN PANEL COMPARTMENT DESIGNATION	ADDED WIRE MARK	CHANGED HP	ADDED FITS INFORMATION CHANGED HP & FUSE INFORM.	REMOVED TERM. POINT	READING PA.	DATE	CONSTRUCTION	DATE	RELEASED FOR	ENGR.
E Y2 PM DEL RAM 4/1/82	D J1 RM DEL RAM 8-18-80	C CSS RAM DES RAM 11-14-75	B RAM RAM DES RAM 8-17-77	A JSS RAM DES RAM 7-21-78	044549-000	6/30/77	PRELIMINARY			

ELEM DIAG SH TDN C O L I N J V L V F O 5 3 A

RIPS

82L2160353

