



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - △ IH13-P601 ECCS BENCHBOARD
 - △ IH13-PT14D TERMINATION CABINET TM040
 - △ K217C-AGASTAT GPIGM
 - △ IH13-P618 DIVISION 2 AUX. RELAY PANEL
 - Ⓧ CLASS 1E DIVISION 2, 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 E12A4D05A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A4DX1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-FC64C) EXCEPT AS NOTED (SEE NOTE 7)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING G-200-001.
 7. THE FOLLOWING DEVICES ARE PREFIXED BY: I2A S16C-SWITCH

REFERENCE
GE.CO.DWG. 82B534CA 5H 15

R	O	N	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
			VALVE POSITION	FULL CLOSED	
1	2	3	4	5	6
1					SPARE
2					23
3					05
4					SPARE
5					SPARE
6					SPARE
7					21
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
- ROTOR 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITION IN BETWEEN AS INDICATED BY PARTS A AND B.
REF: PHILA. GEAR CORP. DWG. 15-817-2759-3 REV. A

PRC
APERTURE
CARD

S16C/IH13-P601 CONTROL SWITCH		CONTACT LOCATION
(CAM) CONTACTS	NAMEPLATE (EV)	
OPERATOR	CLOSE AUTO OPEN	
TF1 2	X	17
TR3 4		05
BF5 6	X	SPARE
BR7 8		SPARE
OPER & BLOCK 2B294A-05203A		X-CONTACT CLOSED
SPRING RETURN TO AUTO		

Ⓧ NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
FERRY NUCLEAR POWER PLANT UNIT 1

ELECTRICAL-ELEMENTARY DIAGRAM

RESIDUAL HEAT REMOVAL SYSTEM
RHR PUMP MINIMUM FLOW
MOV FC64C

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	WORK ORDER	MADE	CHKD	DR. APP.	ENGR. APP.	DATE	DRAWING NUMBER	SYSTEM	SH. NO.	REV.	

ELEM DIAG E12-FC64C

8.5"

11"

8.5"

8.5"

11"

17"

8.5"

11"

8.5"

8.5"

11"

17"

RIDS

8212160314

