



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - △ ICGI POCKET REMOTE SHUTDOWN PANEL
 - ◇ CLASS 1E - DIVISION I, THIS SHEET

REFERENCE
 G.E. CO. DWG. B2BE534CA SH.17
 G.E. CO. DWG. B2BE239 SH.11
 B-211-055 SH. 4

- NOTES:**
1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE E12A3807A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUBSYSTEM NO., & SHEET NO. (EXAMPLE E12A38X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F064A) EXCEPT AS NOTED (SEE NOTE 6)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.
 7. SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES IC61A-59 & IC61A-550 ARE SHOWN ON DRAWING B-208-038.
 8. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A:
 S16A - SWITCH

NO.	TYPE	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		FULL OPEN	FULL CLOSED	
1				SPARE
2				75
3				07
4				SPARE
5				73
6				SPARE
7				23
8				SPARE
9				SPARE
10				SPARE
11				SPARE
12				SPARE
13				SPARE
14				SPARE
15				SPARE
16				R613B203
				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
- NOTES 3 AND 5 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. 15-477-2797-5 REV. A

S16A/IH13-P601 CONTROL SWITCH		CONTACTS		NAMEPLATE (F.V.)		CONTACT LOCATION	
OPERATOR	CONTACTS	CLOSE	AUTO	OPEN			
TF1	2	X					19
TR3	4			X			07
BF5	6	X					SPARE
BA7	8			X			SPARE
OPER & BLOCK CR2940-US203A		X	CLOSED CONTACT				
SPRING RETURN TO AUTO							

ADDED REMOTE SHUTDOWN PANEL COMPARTMENT DESIGNAT.	CHANGED CONTACT INFO	CHANGED HP AND FUSE	ADDED FITS INFORMATION CHANGED HP & FUSE INFORM	REV CONTACT DESIG. REMOVED TERM. POINT	READING PA.	DATE	BY	CHKD	APPROVALS						
REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE
E	Y2	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES
REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE
						044549-000		GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS							
						6/30/73		CONSTRUCTION							
						DATE		PRELIMINARY							
						RELEASED FOR		ENGR.							

REMOTE SHUTDOWN

DI NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM
 RESIDUAL HEAT REMOVAL SYSTEM
 RHR PUMP MINIMUM FLOW MOV
 F064A

E	L	E	M	D	I	A	G	M	A	N	F	L	O	W	M	O	V	F	0	6	4	A
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REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE
E	Y2	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES	RAM	DES
REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE	REV. MADE	CHKD	APPROVALS	DATE
6/30/73	04	1549	B-208-055	E12	A38	E									
DRAWING NUMBER				SYSTEM SH. NO.				REV.							

RIDS

8212160309

