



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - CONTAINMENT PENETRATION
 - 1H13-P601: ECCS BENCHBOARD
 - 1H13-P714D TERMINATION CABINET TM034
 - K218B - AGASTAT GP1GM
 - 1H13-P618 DIVISION 2 AUX RELAY PANEL
 - Ⓧ CLASS 1E DIVISION 2, THIS SHEET
 - Ⓜ ASSOCIATED DIV. 2

- 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 E12A2505A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A25X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F028B) EXCEPT AS NOTED (SEE NOTE 7)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-300-061.
- IE12A: 55B - SWITCH

REFERENCE
G.E. CO. DWG. B28E534CA SH.14

TYPE	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
	VALVE POSITION	CONTACT	
LINE NO.	FULL OPEN	FULL CLOSED	
1			SPARE
2			SPARE
3			SPARE
4			SPARE
5			SPARE
6			SPARE
7			SPARE
8			SPARE
9			SPARE
10			SPARE
11			SPARE
12			SPARE
13			SPARE
14			SPARE
15			SPARE
16			SPARE
17			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)
- CLOSURE CONTACT
- - - - - OPEN CONTACT
- ROTORS 4 AND 6 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 CONP. DWG. 15-877-2758-3 REV. A

55B/1H13-P601 CONTROL SWITCH		CONTACT	
(CAM 1)	NAMEPLATE (F.V)	CLOSE	OPEN
OPERATOR			
TF1	2	X	17
TR3	4		X 05
BF5	6	X	SPARE
BR7	8		X SPARE

OPER & BLOCK CA2940-US203A X-CLOSED CONTACT
SPRING RETURN TO AUTO

Ⓧ NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM
RESIDUAL HEAT REMOVAL SYSTEM
CONTAINMENT SPRAY VALVE
F028B

REMOVED INTERLOCK WITH N-51 SYSTEM	ADDED "HOLD" CONTACTS	CHANGED FUSE SIZE; ADDED CIRCUIT #	ADDED FITS INFORMATION	REVISED 55B CONTACT	READING PA.	GILBERT ASSOCIATES, INC.	044549-000	04	4549	B-208-055	E12	A25	E
ADDED FUSE SIZES AND LOCATION OF SECOND SET OF TOWER FUSES PER EQU*9348-86-151	ADDED EXTRA FUSE - PER PY-CEI/KR1-3921		CHANGED HP & FUSE INFORM	REMOVED 05A WIRE MARK	DATE	ENGINEERS AND CONSULTANTS	044549-000	04	4549	B-208-055	E12	A25	E
REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	REV MADE CHKD APPROVALS DATE	044549-000	04	4549	B-208-055	E12	A25	E
E Yk Tam JB Ram 9/16/82	D Yz RM DEL RAM 4/1/82	C CSS Tam DES RAM 11/9/77	B RM TAM DES RAM 8/17/77	A LW RAM DES RAM 9/21/78	B SC RAM DES TFF 6/30/77		044549-000	04	4549	B-208-055	E12	A25	E

ELEM DIAG IE12-F028B

REV D LUCK 1299

R.D.S

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