



LEGEND:

- ⊙ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - ⊠ MCC TERMINAL (WITH PULL OUT PROVISION)
 - ⊡ INTERNAL WIRE MARK
 - ⊕ CLASS I.E. DIV. 2 THIS SHEET
 - ⊙ PENETRATION THRU CONTAINMENT
 - ⊠ I113-P601 ECCS BENCHBOARD
 - ⊠ I122-PO11 STANDBY LIQUID CONTROL INST. RACK
 - ⊠ I113-P702B-PCC TERMINATION CAB. T1023 (EXCEPT AS WHERE NOTED)
 - ⊠ I113-P642 DIV 2 LEAK DETECTION MON. PNL
 - ⊠ K223B AGASTAT RELAY TYPE OPTIM
- REFERENCE:**
GE. CO DWG. 028E2304 SH. 03

NOTES:

1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN D.C.C.
2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB. SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE C41A 04 03A)
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB. SYSTEM NO. & SHEET NO. (EXAMPLE C41A 04 XI)
4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE I01-FO01B) (EXCEPT AS NOTED (SEE NOTE 1))
5. VALVE SHOWN IN FULL CLOSED POSITION.
6. FOR GRAPHIC STANDARDS REFER TO DRAWING 6-200-001.
7. THE FOLLOWING DEVICES ARE PREFIXED BY I041A:
S3B - SWITCH
8. FOR SIB SWITCH DEVELOPMENT SEE SH. 06

ROTOR	CONTACT	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
		VALVE POSITION	A	B	
1	1	OPEN			17
	2				03
	3				23
	4				SPARE
2	5				SPARE
	6				SPARE
	7				21
3	8				SPARE
	9				SPARE
	10				SPARE
	11				SPARE
4	12				SPARE
	13				SPARE
	14				SPARE
	15				SPARE
	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)
 - CLOSURE 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. 15-477-2759-3 REV. A

S3B/I122-PO11		CONTROL SWITCH		
(CAM) CONTACTS		PLATE (F.W.)		CONTACT
OPERATOR		CLOSE	OPEN	LOCATION
TR 1	2	X		SPARE
TR 3	4		X	05
BF 5	6	X		19
BR 7	8		X	SPARE
OPER. BLOCK		X - CLOSED CONTACT		
CR2940-UB203A		MAINTAINED CONTACT		

PRC APERTURE CARD

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM
STANDBY LIQUID CONTROL SYSTEM
STORAGE TANK OUTLET VALVE
FOOIB

ADDED FITS INFORMATION		REVISED CIRCUIT		ADDED TERMINAL BOX #24		ADDED FITS INFORMATION		ADDED ATWS CIRCUITRY		DATE		READING		GILBERT ASSOCIATES, INC.		DATE		DATE																						
REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE																					
E	YZ	TAM	DEG	RAM	12/21/81	D	YZ	PM	DES	RAM	2-27-81	C	CS	RAM	DEG	RAM	11-5-79	B	PM	DES	RAM	7-18-79	G	KT	TAM	AB	RAM	11/16/82	044549-000	JGS	SRZ	DEG	TPE	6-26-77	04	4549	B-208-030	C41	A04	G

ELEM DIAG I041-FO01B

Rids

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