



LEGEND:
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 □ MOTOR STARTER TERMINAL
 ▽ INTERNAL WIRE MARK
 (B) CLASS 1E DIVISION 1, THIS SHEET
 △ ICG1-POD REMOTE SHUTDOWN PANEL AS INDICATED BY
 △ IH13-P601 EMERGENCY CORE COOLING REVERSE BOARD
 △ IH13-P621 RCIC RELAY VERTICAL BOARD
 △ IH13-P715A PDC TERMINATION CABINET TMO-2

REFERENCES:
 G.E. CO. DWG. 820E3300A, SH. 00
 G.E. CO. DWG. 820E3300C, SH. 04

- NOTES:**
- ALL DEVICES WITHOUT LOCATING MARKS ARE LOCATED IN MOTOR STARTER.
 - ALPHABETICAL WIRE MARKS ARE PREFIXED BY:
 SHEET NO., SHEET NO., & LINE NO. (EXAMPLE: E51A2307A).
 - IDENTICAL WIRE MARKS ARE PREFIXED BY:
 SHEET NO., & SHEET NO. (EXAMPLE: E51A2307).
 - WIRE MARKS IDENTICAL TO PREVIOUS SHEETS ARE IDENTICAL UNLESS NOTED OTHERWISE (EXAMPLE: 1001-1001, EXCEPT AS NOTED (SEE NOTE 6)).
 - VALVE POSN IS FULL CLOSED POSITION.
 - FOR GRAPHIC STANDARDS REFER TO DRAWING 8-208-031.
 - SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES
 1001A-02, 1001A-020 ARE SHOWN ON DRAWING 8-208-039.
 - THE FOLLOWING DEVICES ARE PREFIXED BY 1251A:
 S24 - SWITCH

ROW	CONTACT	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
		FULL OPEN	A	FULL CLOSED	
1	1				SPARE
1	2				SPARE
1	3				25
1	4				07
1	5				07
2	6				2107
2	7				23
2	8				SPARE
2	9				SPARE
2	10				SPARE
2	11				SPARE
2	12				SPARE
2	13				SPARE
2	14				SPARE
2	15				SPARE
2	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.
- CLOSED CONTACT
 - - - OPEN CONTACT
- ROTORS 5 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 CORP. DWG. 15-977-2759-3 REV. A

S24/IH13-P601		CONTROL SWITCH			CONTACT LOCATION
(CAM 1) CONTACTS	NAMEPLATE (REV.)	CLOSE	AUTO	OPEN	
TR 1	2	X			SPARE
TR 3	4			X	07
OF 5	0	X			19
BR 7	8			X	SPARE
OPER (LOCK)		X - CLOSED CONTACT			
CAG-946-137-03A		SPRING RETURN TO AUTO			

REMOTE SHUTDOWN

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT
 PERRY NUCLEAR ELEMENTARY DIAGRAM
 REACTOR CORE ISOLATION COOLING SYSTEM
 TEST BYPASS TO CONDENSATE STORAGE
 TANK #058

DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	

7-28-77 CONSTRUCTION 777
 PRELIMINARY
 DATE RELEASED FOR: ENGR
 GILBERT ASSOCIATES, INC.
 ENGINEERS AND CONSULTANTS

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