



EXTRA WIRE MARK (SEE COVER & 3)
 WIRE TERMINAL (WITH PAIR NOT INDICATED)
 LOWER CASE WIRE MARK
 CLASS 1E DIVISION 1 THIS SHEET
 1CG1-P001 REMOTE SHUTDOWN PANEL, AS INDICATED BY Δ
 1H13-P023 DIVISION 1 AUXILIARY RELAY CABINET
 1H13-P601 EMERGENCY CORE COOLING G.D.
 1H13-P7130 P600 TERMINATION CABINET TMC 21
 X209 - MAGSTRAY RELAY TYPE 7130

REFERENCES:-
 82BE44FCA SHEET 9, G.E. COMPANY DRAWING
 82BE239CA SHEET 7, G.E. COMPANY DRAWING
 B-211-013 SH.9

1. ALL DEVICES WITH VALVE POSITIONS AS SHOWN IN THIS SHEET.
2. CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CYCLE OF FULLY CLOSED VALVE.
3. OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CYCLE OF FULLY OPENED VALVE.
4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE 1E12-F023) EXCEPT AS NOTED (SEE NOTE 9).
5. VALVE SHOWN IN FULL CLOSED POSITION.
6. FOR GRAPHIC STANDARDS REFER TO DRAWING 9-200-001.
7. SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES 1CG1A-S9, 1CG1A-S43 ARE SHOWN ON DRAWING B-200-039.
8. THE FOLLOWING DEVICES ARE PREFIXED BY: 021A:
 S12 - SWITCH

ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	VALVE POSITION	A	B	
1	SP			SPARE
2				SPARE
3				25
4				07
5				SPARE
6				SPARE
7				24
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 CYCLE OF FULLY CLOSED VALVE.
 18 OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CYCLE OF FULLY OPENED VALVE.
 --- CLOSED 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: PH11A, GEAR COMP. DWG. 12-47-2700-3 REV. A

S12 / 1H13-P601		CONTROL SWITCH	
(CAP 2) CONTACTS	MAXIMUM WIRE SIZE	CLOSE	NORM. OPEN
OPERATOR			
1F 1 1 2	X		SPARE
TR 5 1 4		X	07
BR 5 1 6	X		13
DR 7 1 8		X	SPARE
OPER BLOCK		X - CLOSED	
CR 2840-USE 03A			

SPRING RETURN TO NORMAL

PRC APERTURE CARD

ADDED REF.	REMOVED/OLD REVISED SW. DESIGNATION	CHANGED CONTACT INFO. ADDED WIRE MARK	CHANGED FUSE & SWITCH INFO	ADDED FIXTS. INFORMATION CHANGED HP RATING	READING	DATE	RELEASED FOR	ENGR.

REMOTE SHUTDOWN
 NUCLEAR SAFETY RELAY
 THE CLEVELAND ELECTRIC ILLUMINATING
 PERRY NUCLEAR POWER PLANT
 ELECTRICAL ENGINEERING
 NUCLEAR STEAM SUPPLY SHUTDOWN
 PRR REACTOR HEAD SPRAY SHUTDOWN
 (CONTROL LINE) INWARD TRIP

46 71
 46 11
 46 8.5
 8.5"
 11"
 17"

Rids

82.2130429

