



LEGEND:
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 □ MCC TERMINAL (WITH PULL OUT PROVISION)
 ⊕ INTERNAL WIRE MARK

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 E12A5305A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A53X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-FO26B) EXCEPT AS NOTED (SEE NOTE 7)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING 0-200-001.
 7. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A 536B-SWITCH

REFERENCE
 B-211-055 SH-22
 GE.CO.DWG.828E534CA SH.13

NO.	TYPE	LIMIT SW. CONTACT DEVELOPMENT		CONTACT LOCATION
		VALVE POSITION	CONTACT LOCATION	
		FULL OPEN	FULL CLOSED	
1				5
2				SPARE
3				23
4				05
5				05
6				SPARE
7				21
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 CLOSING CYCLE OR FULLY CLOSED VALVE.

18 OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPEN VALVE.

— CLOSED CONTACT
 - - - - - OPEN CONTACT

ROTOR 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. 15-877-2759-3 REV. A

S36B/IH13-P601 CONTROL SWITCH		NAMEPLATE (FV)		CONTACT LOCATION
CONTACTS	OPERATOR	CLOSE	AUTO OPEN	
TF 1	2	X		17
TR 3	4		X	05
BF 5	6	X		SPARE
BR 7	8		X	SPARE
OPER & BLOCK CR2940-US203A		X-CLOSED CONTACT		
SPRING RETURN TO AUTO				

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PENNY NUCLEAR POWER PLANT UNIT 1

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	

ADDED REFERENCE AS PER GAS BUREAU CHANGED FUSE SIZE ADDED FITS INFORMATION ADDED TERM. CAB. CHANGED WIRE MARKS & FUSE INFO. REVISED CONTACT DESIG. REMOVED TERM. POINT. READING PA. 04549-009

GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

CONSTRUCTION TFF 6/30/77 PRELIMINARY ENGR. RELEASED FOR ENGR. DATE

RESIDUAL HEAT REMOVAL SYSTEM RHR HEAT EXCHANGER-FLOW TO RCIC MOV. F026B

DRAWING NUMBER 4549 208-055 E12 A53 D SYSTEM SH. NO. REV.

ELEM DIAG IE12-FO26B

RIDS

8212160396

