



- LEGEND:**
- EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - MCC TERMINAL (WITH PULL OUT PROVISION)
 - INTERNAL WIRE MARK
 - 361-POOL REMOTE SHUTDOWN PANEL
 - CLASS 1E - DIVISION 1
 - IH13-P601 ECCS BENCHBOARD
 - IH13-P629 DIV 1 AUX RELAY PANEL
 - IH13-PT15D TERMINATION CABINET TM073
 - K218A AGASTAT GPIGM
 - CONTAINMENT PENETRATION
 - ASSOCIATED DIV. 1

- NOTES:**
- ALL DEVICES WITHOUT LOCATION MARKS ARE LISTED IN N.C.C.
 - ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SHEET NO., SHEET NO., & LINE NO. (EXAMPLE E12A2407A)
 - POTENTIAL WIRE MARKS ARE PREFIXED BY: SHEET NO., & SHEET NO. (EXAMPLE E12A24X1)
 - DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE E12A-FO28A) EXCEPT AS NOTED (SEE NOTE 8)
 - VALVE DOWN IN FULL CLOSED POSITION.
 - FOR GRAPHIC STANDARDS REFER TO DRAWING B-200-001.
 - SWITCH DEVELOPMENT FOR REMOTE SHUTDOWN TRANSFER AND CONTROL SWITCHES IC61A-58 & IC61A-556 ARE SHOWN ON DRAWING B-200-030.
 - THE FOLLOWING DEVICES ARE PREFIXED BY IE12A: SSA - SWITCH

REFERENCE:
 GE.CO. DWG. 820E534 CA SH.12
 GE.CO. DWG. 820E23CA SH.10

TYPE	CONTACT LOCATION	
	A	B
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 CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OF FULLY CLOSED VALVE.
 - 18 OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OF FULLY OPENED VALVE. (SPARE).
- CLOSED CONTACT
 - - - OPEN CONTACT
- NOTES 9 AND 4 CAN BE SET BY VALVE POSITION FULL OPEN, FULL CLOSED OR ALL POSITION IN BETWEEN AS INDICATED BY POINTS A AND B.
 REF: PHILA. GEAR CORP. DWG. 16-977-2700-5 REV. A

SSA/IH13-P601 CONTACT	CONTROL SWITCH			CONTACT LOCATION
	NAME PLATE (FV)	CLOSE	OPEN	
OPERATOR				
TF1	2	X		19
TR3	4		X	07
BF5	6	X		SPARE
BR7	8		X	SPARE
OPER. BLOCK CR2940-US203A		X-CLOSED CONTACT		

SPRING RETURN TO AUTO

REMOTE SHUTDOWN

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY STANDARD

RESIDUAL HEAT REMOVAL SYSTEM
 CONTAINMENT SPRAY VALVE
 F028A

DATE	CONSTRUCTION	DATE	RELEASED FOR	ENGR.
1/30/77	CONSTRUCTION	1/30/77		
	PRELIMINARY			

CILBERT ASSOCIATES, INC.
 ENGINEERS AND CONSULTANTS

REV	DATE	BY	CHKD	APPROVALS
04	04/04/76	B-200-055	E12	A24

REVISIONS WITH MSLSYSTEM ADDED FUSE SHEET & LOCATION OF SECOND SET OF FUSE RINGS PER SOP # 3318-86-151	ADDED EXTRA FUSE PER PY-CEI/GAI-3921 AND HCL5	CHANGED FUSE SIZE; ADDED CIRCUIT #	ADDED FITS INFORMATION CHANGED NP & FUSE INFORM.	REVISED SSA CONTACT DESG. REMOVED TERM. PT.	READING PA.	CILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS	DATE	CONSTRUCTION	DATE	RELEASED FOR	ENGR.
E	Y	O	B	A	04/04/76	04/04/76	04/04/76	04/04/76	04/04/76	04/04/76	04/04/76

ELEM DIAS CONTAIN SPRAY VLV F028A

RIDS

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