



- LEGEND:**
- ⊙ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
  - ⊠ MCC TERMINAL (WITH PULL OUT PROVISION)
  - ⊞ INTERNAL WIRE MARK
  - ⊡ CONTAINMENT PENETRATION
  - ⊠ IH13-P601 ECCS BENCHBOARD
  - ⊠ IH13-P714A TERMINATION CABINET TMO18
  - ⊠ K-LTR AGASTAT GP16M
  - ⊠ IH13-P618 DIV.2 AUX RELAY PANEL
  - ⊠ CLASS I E DIV. 2
  - ⊠ ASSOCIATED DIV. 2

- NOTES:**
1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN B.C.C.
  2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE E12A2705A)
  3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A27X1)
  4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F537B) EXCEPT AS NOTED (SEE NOTE 7)
  5. VALVE SHOWN IN FULL CLOSED POSITION.
  6. FOR GRAPHIC STANDARDS REFER TO DRAWING S-208-001.
  7. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A:
    - 52B - SWITCH

3-21-055 5H-70  
 REFERENCE  
 GE. CO. DWG. 828E534CA 5H.14

R	C	T	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
			VALVE POSITION	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

- ⊠ 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)
- CLOSED CONTACT  
 - - - OPEN CONTACT
- ROTORS 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITION 1/4 BETWEEN AS INDICATED BY REF: PHILA. GEAR CORP. DWG. 15-477-2759-5 REV. 1

52B/IH13-P601 CONTROL SWITCH (CAM1)			
CONTACTS OPERATOR	NAMEPLATE (F.V.)		CONTACT LOCATION
	CLOSE	AUTO OPEN	
TF 1 2	X		17
TR 3 4		X	05
BF 5 6	X		SPARE
BR 7 8		X	SPARE
OPER 9 BLOCK CR2940-05203A		X-CLOSED CONTACT	
SPRING RETURN TO AUTO			

PRC APERTURE CARD

NUCLEAR SAFETY RELATED  
 THE CLEVELAND ELECTRIC ILLUMINATING CO.  
 PERRY NUCLEAR POWER PLANT UNIT 1  
 ELECTRICAL-ELEMENTARY DIAGRAM  
 RESIDUAL HEAT REMOVAL SYSTEM  
 CONTAINMENT SPRAY VALVE  
 F537B

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	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE																									
E	Y	K	T	A	m	18	R	A	m	9	h	1	2	D	Y	Z	P	M	D	E	V	R	A	m	11	1	C	O	S	P	A	M	D	E	V	R	A	m	11	1	B	A	M	D	E	V	R	A	m	11	1	A	L	E	M	D	I	A	G	I	E	1	2	-	F	5	3	7	B

8.5"  
 11"  
 17"

8.5"  
 11"  
 17"

RIDS

82L2160276

