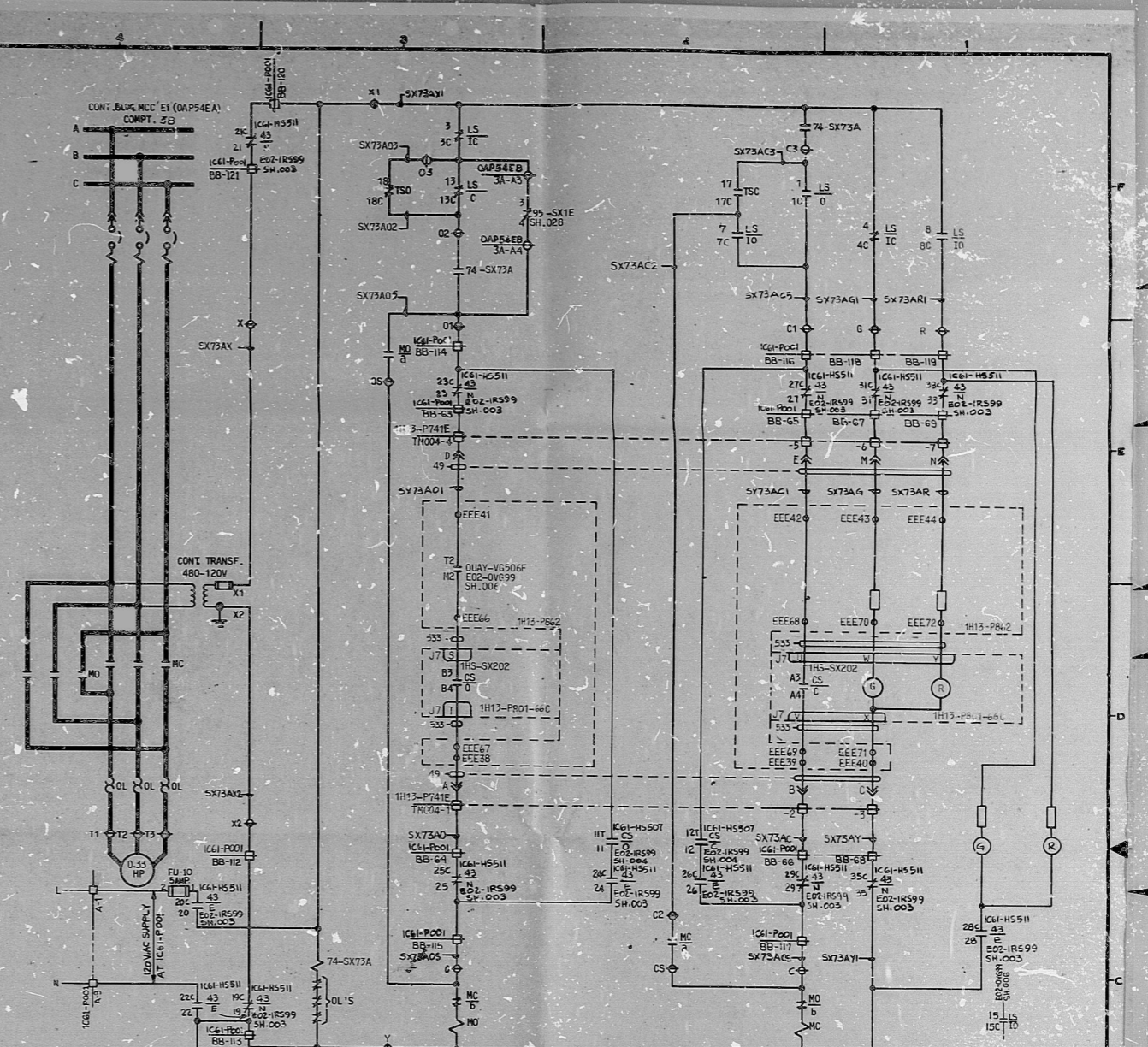


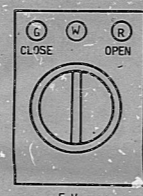
SBGT TRAIN A FIRE PROTECT DELUGE VALVE (1SX071A) (1E) (FP)
 DEVICE SK71A, WIRING DIAGRAM (DWG. E03-0AP54EA-002)



SBGT TRAIN A FIRE PROTECT DELUGE VALVE (1SX073A) (1E) (FP)
 DEVICE SK73A, WIRING DIAGRAM (DWG. E03-0AP54EA-003)

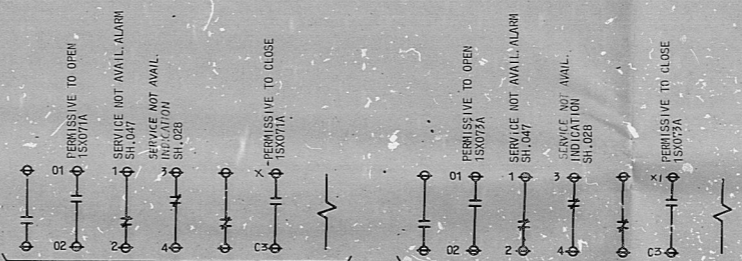
ROTOR CONTACT	SYM.	VALVE POSITION
1-1C	O	FRONT OPEN
2-2C	O	INTER. OPEN
3-3C	IC	FRONT CLOSE
4-4C	IC	INTER. CLOSE
5-5C	C	FRONT
6-6C	C	INTER.
7-7C	IO	OVERLOAD
8-8C	IO	OVERLOAD
9-9C	O	FRONT
10-10C	O	INTER.
11-11C	IC	FRONT
12-12C	IC	INTER.
13-13C	C	FRONT
14-14C	C	INTER.
15-15C	IO	OVERLOAD
16-16C	IO	OVERLOAD
17-17C	IO	OVERLOAD
18-18C	IO	OVERLOAD

ROTOR 3 & 4 CAN BE SET TO OPERATE CONTACTS AT VALVE POSITION ON FULL OPEN, FULL CLOSED, OR ANY POSITION IN BETWEEN. THESE ROTORS ARE ADJUSTABLE INDEPENDENTLY FROM EACH OTHER.
 LIM. SW. CONTACTS IN SCHEM. ARE SHOWN WITH THE VALVE IN THE FULLY CLOSED POSITION



CONTACT AND LOCATION (HANDLE END)		BLOCK	POSITION	
FRONT	BACK		CLOSE (NORMAL)	OPEN
A1	A2	A		
B1	B2	B	X	X
C1	C2	C		
D1	D2	D	X	X

X - DENOTES CONTACT CLOSED
 SPRING RETURN TO NORMAL POSITION
 G.E. TYPE CR294C



M.O. VALVE LIMIT SWITCH DEVELOPMENT
 TYPICAL FOR: 1SX071A & 1SX073A

DEVICE NO.	INSTRUMENT NO.	LOCATION
CS-SK71A	1H13-SK201	1H13-P801-44C
CS-SK73A	1H13-SK202	1H13-P801-44C

REV.	DATE	BY	CHKD.	DESCRIPTION
A	7-29-77	J. J. [Signature]	[Signature]	FOR PCCC FABRICATION ONLY, SPEC. NO. K-2801
B	8-2-77	[Signature]	[Signature]	FOR PCCC FABRICATION ONLY, SPEC. NO. K-2801
C	10-6-77	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801
D	4-28-78	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801
E	6-22-79	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801
F	8-22-79	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801
G	11-30-79	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801
H	2-29-80	[Signature]	[Signature]	REVISED PER NSC AND ENGR COMMENTS, SPEC. NO. K-2801

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PRC APERTURE CARD

FIRE PROTECTION RELATED

NUCLEAR SAFETY RELATED
 EQUIPMENT IS SHOWN ON THIS DRAWING.
 (FOR SAFETY CLASSIFICATION SEE EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

SCHEMATIC DIAGRAM
 SHUTDOWN SERVICE WATER SYSTEM (SX)
 SBGT TRAIN A FIRE PROTECT DELUGE VALVES
 1SX071A & 1SX073A
 CLINTON POWER STATION UNIT 1
 ILLINOIS POWER COMPANY
 CLINTON, ILLINOIS

33185
 REGISTERED PROFESSIONAL ENGINEER
 ILLINOIS

33185
 REGISTERED PROFESSIONAL ENGINEER
 ILLINOIS

PROJECT NUMBER: 4576
 DATE: 7-26-77
 DATE: 7-27-77
 DATE: 7-27-77
 DATE: 7-27-77

DRAWING NO. E03-15X99
 SHEET 031 OF 031

RIDS

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