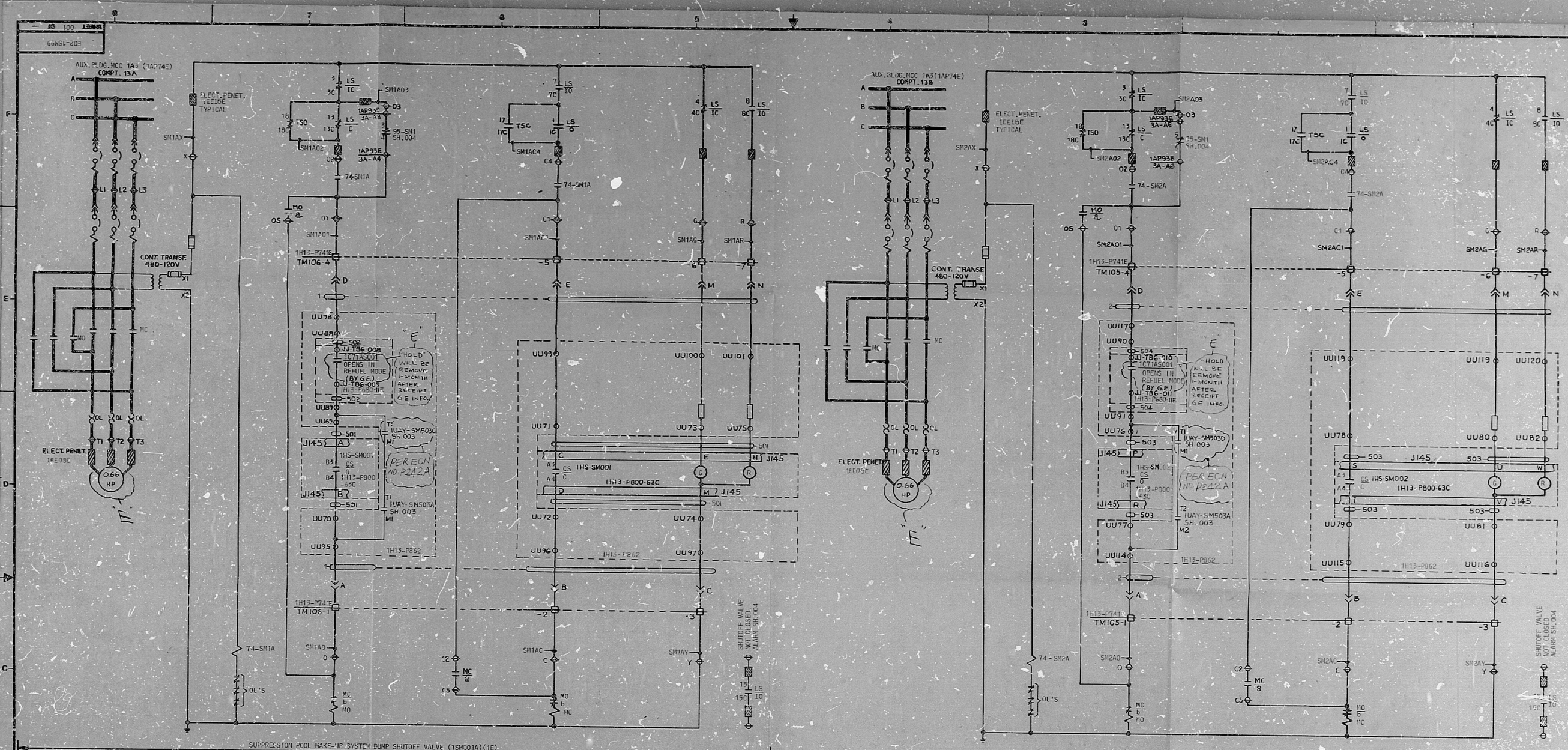


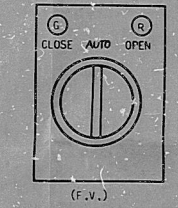


VALVE POSITION

POOR CONTACT	SYM.	FULL OPEN	INTER.	FULL CLOSE
1-1C	0			
2-2C	0			
3-3C	1C			
4-4C	1C			
5-5C	1C			
6-6C	1C			
7-7C	1C			
8-8C	1C			
9-9C	1C			
10-10C	1C			
11-11C	1C			
12-12C	1C			
13-13C	1C			
14-14C	1C			
15-15C	1C			
16-16C	1C			
17-17C	1C			
18-18C	1C			

ROTORS 3 & 4 CAN BE SET TO OPERATE CONTACT AT VALVE POSITION FULL OPEN, FULL CLOSED, OR ANY POSITION IN BETWEEN. THESE ROTORS ARE ADJUSTABLE INDEPENDENTLY FROM EACH OTHER.

LINE SH. CONTACTS IN SCHEM. ARE SHOWN WITH THE VLV. IN THE FULLY CLOSED POSITION.



CONTACTS AND LOCATION (HANDLE END)

FRONT	BACK	SYMBOL	CLOSE	AUTO	OPEN
A1	A2	0-1-0			
B1	B2	0-1-0			
C1	C2	0-1-0			
D1	D2	0-1-0			
E1	E2	0-1-0			
F1	F2	0-1-0			
G1	G2	0-1-0			
H1	H2	0-1-0			
I1	I2	0-1-0			
J1	J2	0-1-0			
K1	K2	0-1-0			
L1	L2	0-1-0			
M1	M2	0-1-0			
N1	N2	0-1-0			
O1	O2	0-1-0			
P1	P2	0-1-0			
Q1	Q2	0-1-0			
R1	R2	0-1-0			
S1	S2	0-1-0			
T1	T2	0-1-0			
U1	U2	0-1-0			
V1	V2	0-1-0			
W1	W2	0-1-0			
X1	X2	0-1-0			
Y1	Y2	0-1-0			
Z1	Z2	0-1-0			

X - DENOTES CONTACT CLOSED SPRING RETURN TO AUTO POSITION G.E. TYPE CR240.

CONTROL SWITCH DEVELOPMENT FOR:

DEVICE NO.	INSTRUMENT NO.	LOCATION
CS-SM1A	1HS-SM001	TH13-P800-63C
CS-SM2A	1HS-SM002	TH13-P800-63C

M.O. VALVE LIMIT SWITCH DEVELOPMENT
TYPICAL FOR VALVES 1SM001A & 1SM002A

DRAWING RELEASE RECORD

REV.	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
A	3-5-77				
B	10-6-77				
C	2-06-79				
D	7-2-81				
E	8-17-81				

DRAWING RELEASE RECORD

REV.	DATE	PREPARED	REVIEWED	APPROVED	PURPOSE
A	3-5-77				
B	10-6-77				
C	2-06-79				
D	7-2-81				
E	8-17-81				

LINE CODE 1 ALSO ON 48004
LINE 027.5 USED 1/4 501.503.503.504

- NOTES**
- FOR SYMBOLS AND DEVICE NUMBERS SEE S&L STANDARD EC-112, EC-111 & EC-115.
 - CLASSIFICATION/GENERATION CODES:
 1A-NON-CLASS 1E-NON-ASSOCIATED
 2E-CLASS 1E, DIVISION 1
 3E-CLASS 1E, DIVISION 2
 4E-CLASS 1E, DIVISION 3
 5A-NON-CLASS DIVISION 1 ASSOCIATED
 6A-NON-CLASS DIVISION 2 ASSOCIATED
 7A-NON-CLASS DIVISION 3 ASSOCIATED
 ALL CIRCUITS ARE CODE X8 UNLESS OTHERWISE NOTED.

DWG. NO. REFERENCE DWGS.

E04-1P800-63C	FRONT ELEVATION
E04-1P800-63D	FRONT ELEVATION
E02-1AP49	MCC
E02-1AP50	KEY DIAGRAMS
E02-1AP60	

PRC APERTURE CARD

NUCLEAR SAFETY RELATED
EQUIPMENT IS SHOWN ON THIS DRAWING.
17th SAFETY CLASSIFICATION 3.E EQUIPMENT, VALVE, OR INSTRUMENT LIST.

SCHEMATIC DIAGRAM
SUPPRESSION POOL MAKE-UP SYSTEM (SM)
SM SYSTEM DUMP SHUTOFF VALVES
1SM001A & 1SM002A
CLINTON POWER STATION UNIT 1
ILLINOIS POWER COMPANY
CLINTON, ILLINOIS

DRAWING NO.	REV.
E02-1SM99	E

SARGENT & LUNDY
ENGINEERS
CHICAGO

DRAWING NO. REV.
E02-1SM99 E

SHEET 001 OF 01

RDS

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