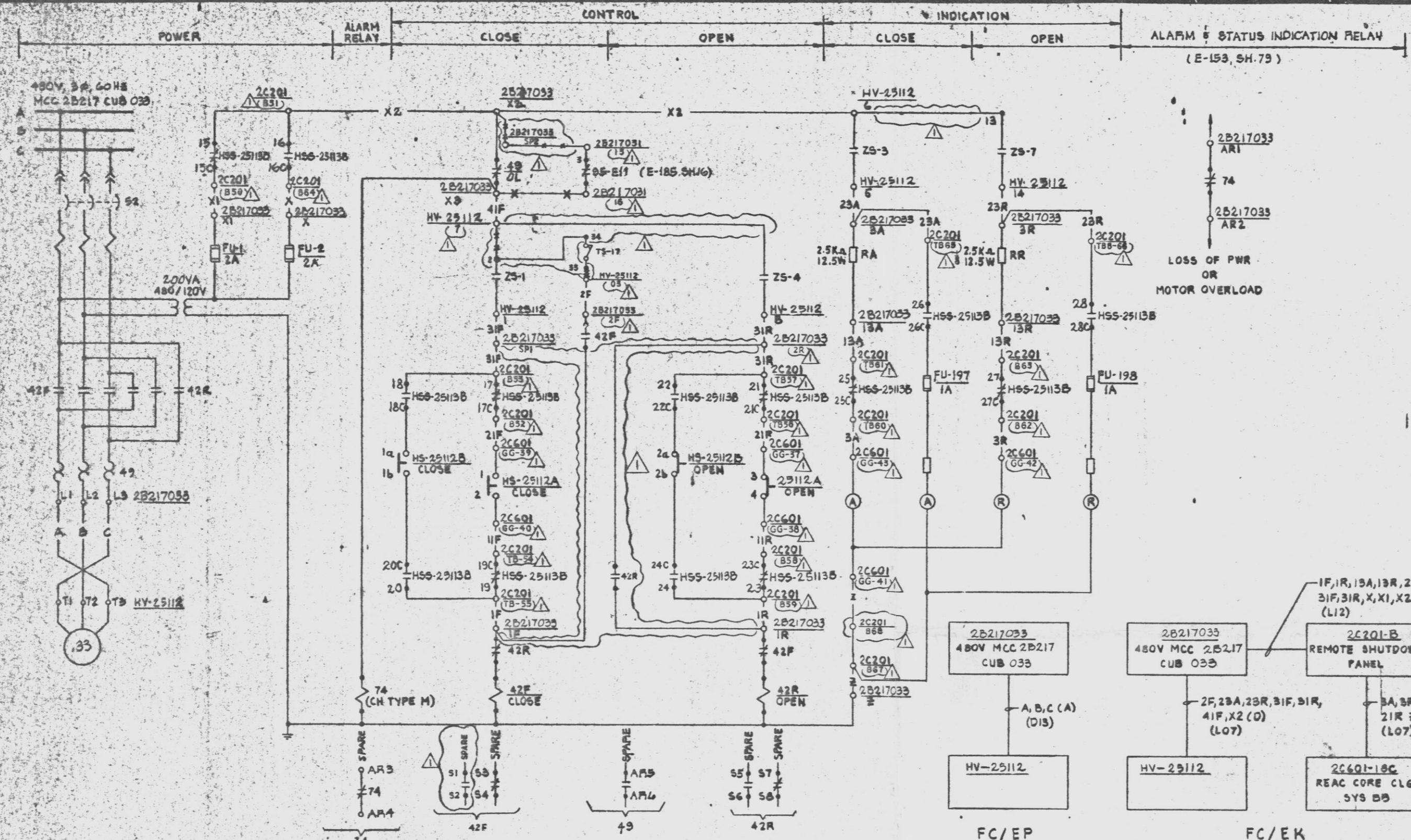
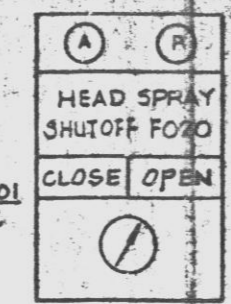


This drawing and the design it covers are the property of BECHTEL. They are hereby licensed and are the licensee's exclusive agreement that they will not be reproduced, copied, loaned, exhibited, or used in any way without the written consent of BECHTEL.



RHR HEAD SPRAY SHUTOFF VALVE HV-EII-25112
 SCHEME N° 2Q3077
 REF SH 20



BLOCK No.	CONTACT No.	POSITION		DRAWING No.
		CLOSE	OPEN	
TOP	10-02	F	X	THIS SH
	30-04	B	X	THIS SH

CONTROL SWITCH: HS-2512A
 GENERAL ELECTRIC TYPE CR204M
 MAINTAINED CONTACTS

VALVE LIMIT SWITCH DEVELOPMENT				
CONTACTS	100% OPEN	INTERMEDIATE	100% CLOSED	CONTACT USED
TS-1	10-11-02			THIS SH
TS-2	30-11-04			SPARE
TS-3	30-11-06			THIS SH
TS-4	70-11-08			THIS SH
TS-5	20-11-10			SPARE
TS-6	110-11-02			SPARE
TS-7	190-11-04			THIS SH
TS-8	190-11-06			SPARE
TS-9	170-11-08			SPARE
TS-10	190-11-10			SPARE
TS-11	210-11-02			SPARE
TS-12	290-11-04			SPARE
TS-13	290-11-06			SPARE
TS-14	270-11-08			SPARE
TS-15	290-11-10			SPARE
TS-16	310-11-02			SPARE
TS-17	33-0-04	OPEN ON HIGH CLOSING TORQUE		THIS SH
TS-18	33-0-06	OPEN ON HIGH OPENING TORQUE		SPARE

NOTES:

- FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAMS SEE E-42.
- ALL DEVICE NOS. TO BE SUFFIXED BY STARTER LOCATION N° UNLESS NOTED OTHERWISE.
- FOR SWITCH DEVELOPMENT OF REMOTE SHUTDOWN PANEL 2C201 SWITCHES SEE DWG E-149, SH 2 & 3.
- DESIGN BASED ON GE/APED ELEMENTARY 791418AE (V/P 8856-MI-EII-29(20)).
- FIELD TO DISCONNECT VENDOR JUMPER BETWEEN VALVE TERMINAL 1 & TERMINAL 33
- FOR SPACE HEATER POWER SUPPLY SEE DWG E-741 SH. 13.

REFERENCE DWG'S.	
BECHTEL NO.	PL. NO.
E-42	A-107191
E-149	D-107298
8856-MI-EII-29	FF124 510
E-183	D-107334

PRC
 APERTURE
 CARD

Docket # 50-3571
 Control # 8203890534
 Date 3/1/83, of Document
 REGULATORY DOCKET FILE 163

POOR ORIGINAL

UNCONTROLLED DOCUMENT
 FOR REFERENCE ONLY

REVISIONS

NO.	DATE	REVISIONS	BY	CHKD	APP'D
1		ISSUED FOR CONSTRUCTION	M.Y.		

SCALE NONE

DESIGNED BY J. WONG

DRAWN BY M.H. YOUNG

PENNSYLVANIA POWER & LIGHT COMPANY
 ALLENTOWN, PENNSYLVANIA
 BUCKHARTS STEAM ELECTRIC STATION - UNIT 1, UNIT 2

BECHTEL - SAN FRANCISCO

SCHEMATIC DIAGRAM
 RHR REACTOR HEAD SPRAY VALVE
 UNIT 2

JOB No.	DRAWING No.	REV.
8836	E-153 SH 101	1

D-107302 SH 101

74X

I certify that the microfilm image contained on this microform was made in the normal and regular course of business. This is a true, full, correct and complete reproduction and replacement for and/or in lieu of original documents generated by the Bechtel group of companies.

Signed **DANNY** Date **4-15-82** Camera Type **MRG 1**
 Camera Operator

D