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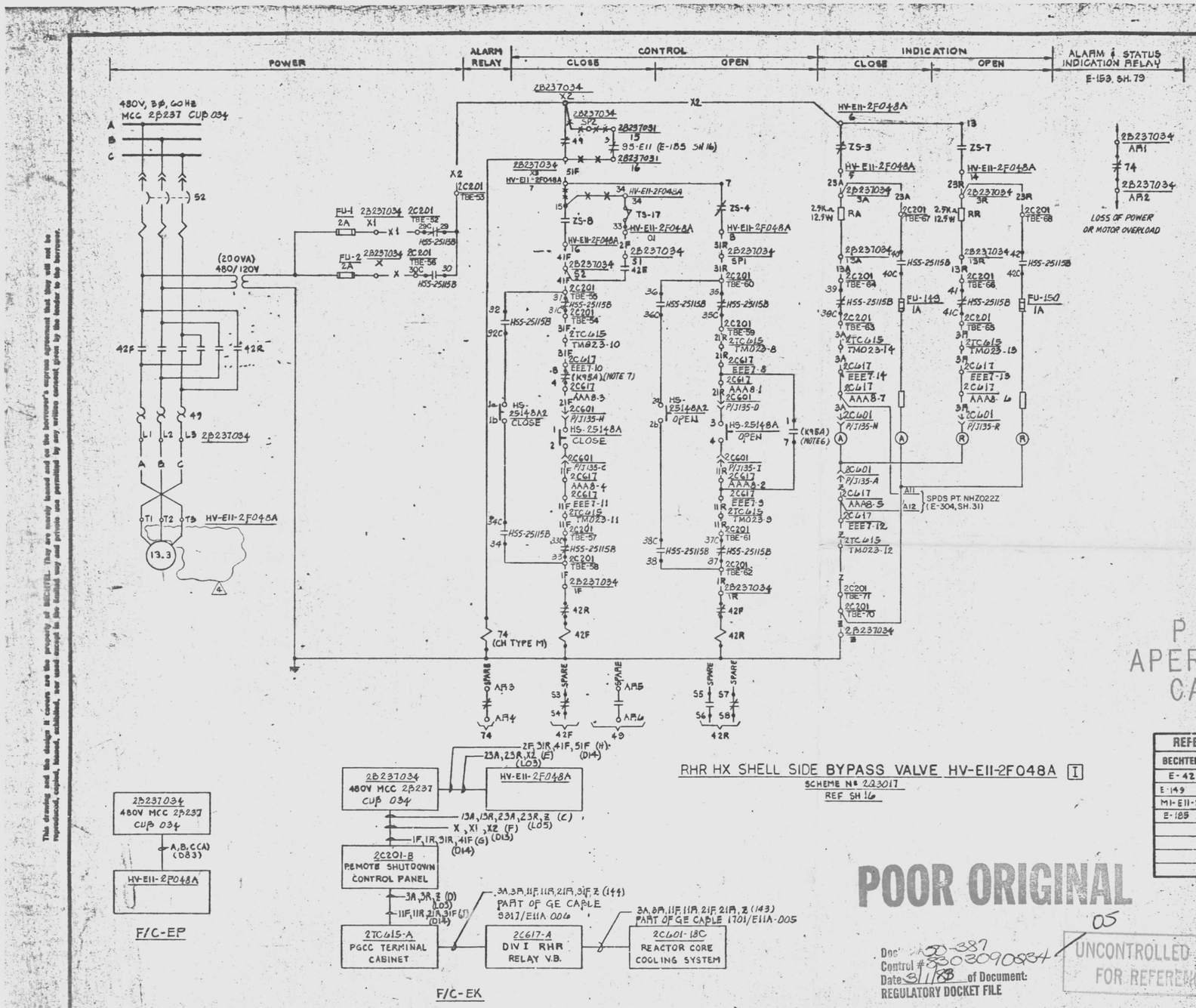

BLOCK No.	CONTACT No.		POSITION CLOSE	POSITION AUTO	POSITION OPEN	DRAWING No.
TOP	1 o 2 / 3 o 4	F	X			THIS SH
		B			X	THIS SH
BTM	5 o 6 / 7 o 8	F	X			SPARE
		B			X	SPARE

CONTROL SWITCH : HS-25148A
GENERAL ELECTRIC TYPE CR2940
SPRING RETURN TO AUTO

VALVE LIMIT SWITCH DEVELOPMENT

CONTACTS		100% OPEN	INTERMEDIATE	100% CLOSED	CONTACT USED
ZS-1	1 o–11–o 2	—			SPARE
ZS-2	3 o–11–o 4	—			SPARE
ZS-3	5 o–11–o 6	—			THIS SH
ZS-4	7 o–11–o 8	—			THIS SH
ZS-5	9 o–11–o 10	—			SPARE
ZS-6	11 o–11–o 12	—			SPARE
ZS-7	13 o–11–o 14	—			THIS SH
ZS-8	15 o–11–o 16	—			THIS SH
ZS-9	17 o–11–o 18	—			SPARE
ZS-10	19 o–11–o 20	—			
ZS-11	21 o–11–o 22	—			
ZS-12	23 o–11–o 24	—			
ZS-13	25 o–11–o 26	—			
ZS-14	27 o–11–o 28	—			
ZS-15	29 o–11–o 30	—			
ZS-16	31 o–11–o 32	—			
TS-17	33 o–o 34	OPEN ON HIGH CLOSING TORQUE			THIS SH
TS-18	35 o–o 36	OPEN ON HIGH OPENING TORQUE			SPARE

— CONTACT CLOSED

HV-E11-2F048A

NOTES:

1. ALL DEVICE Nºs TO BE SUFFIXED BY STARTER LOCATION Nº UNLESS NOTED OTHERWISE.
2. FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAMS SEE DWG E-48.
3. FOR SWITCH DEVELOPMENT OF REMOTE SHUTDOWN PANEL (2C201) SWITCHES SEE DWG E-149 SH. 7 & 8
4. Nº IN PARENTHESIS APPEARING ON SCHEMATIC DIAGRAM ARE GE DEVICE Nºs
5. DESIGN BASED ON GE ELEMENTARY 791E418AE (V/P 8856-M1-E11-29(16).
6. CONTACT CLOSES ON RHR SYSTEM INITIATION, THEN OPENS AFTER 10 MIN.
7. CONTACT OPENS ON RHR SYSTEM INITIATION, THEN CLOSES AFTER 10 MIN.

REFERENCE DWG'S.	
BECHTEL NO.	PL. NO.
E-42	A-107191
E-149	D-107298
M1-E11-29	FF124510
E-185	D107334

No.	DATE	REVISIONS	BY	CHKD	ENGR	PROJ ENGR	CHIEF ENGR	APPD
4	11/21/82	REV TO INCORP FCR E-11428	JC	VAK				
3	9/9/82	REVISED PER DCP 538.2E, REV. 2	NG	VAK				
2	11/6/81	ADDED TERM.NO.FOR PNL 2C201-B(DCR 42)	NG					
1	5/14/81	REVISED PER DCR 396 (CCP # 22)						
0	10/21/77	ISSUED FOR CONSTRUCTION						

SCALE: NONE — DESIGNED W. SZCZEPANSKI — DRAWN M. PANTOS — CHKD — ENGR — CHIEF ENGR

PENNSYLVANIA POWER & LIGHT COMPANY
ALLENTOWN, PENNSYLVANIA
SUSQUEHANNA STEAM ELECTRIC STATION – UNIT 1, UNIT 2
BECHTEL – SAN FRANCISCO

SCHEMATIC DIAGRAM
RHR HEAT EXCHANGE BYPASS VALVE
UNIT 2

JOB No.	DRAWING No.	REV.
8856	E-153 SH 54	4

D-107302 SH54

22 x 34 "D" SIZE

PRC APERTURE CARD

POOR ORIGINAL

Doc Control # 830309 0084 05
Date 3/1/83 of Document:
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62757 SCHEM HX BYPASS VALVE

24X

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Signed DANNY Camera Operator Date 12-27-82 Camera Type MRG1

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