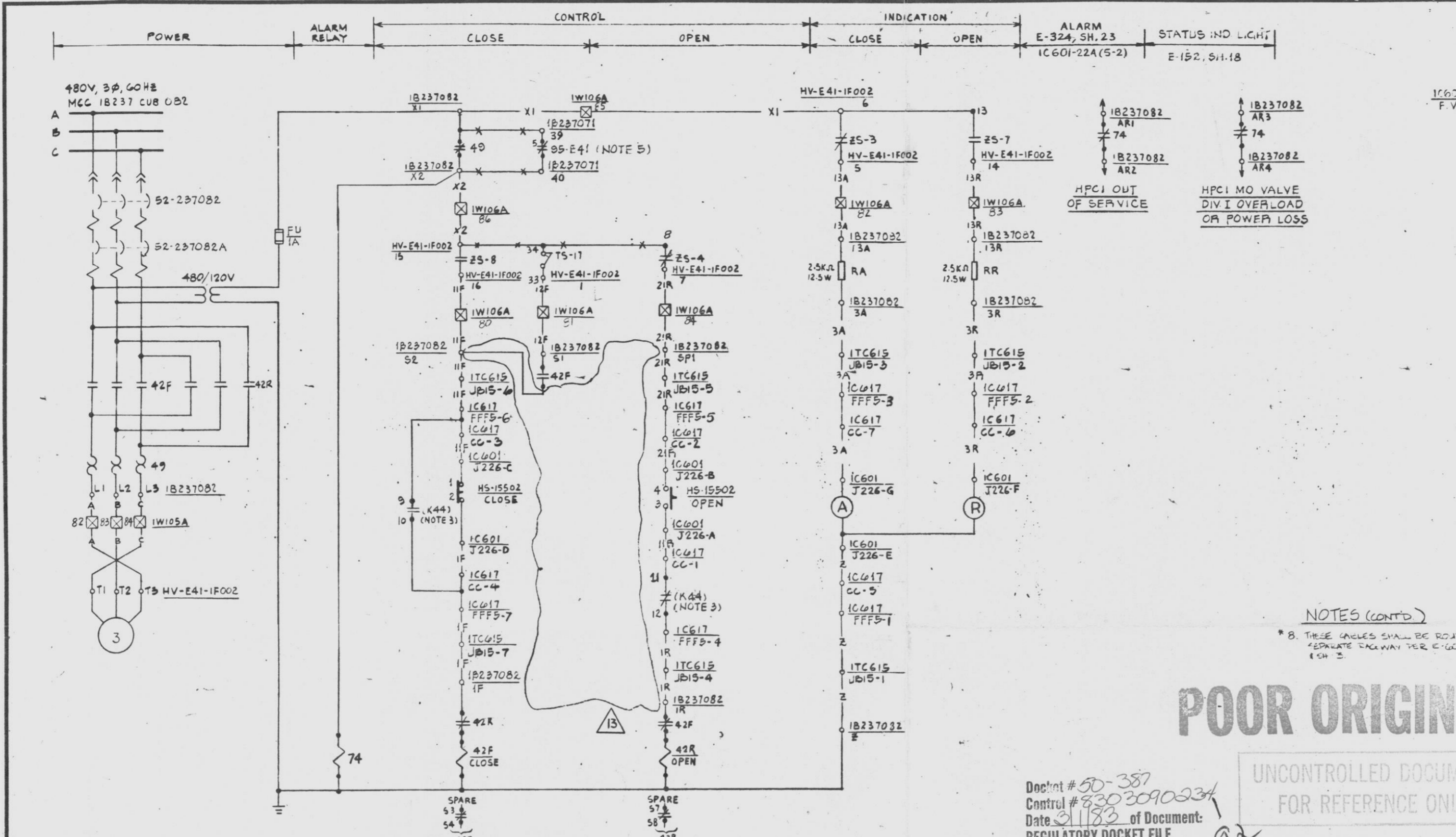
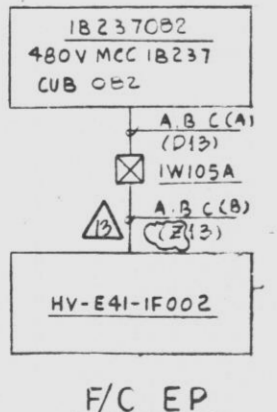


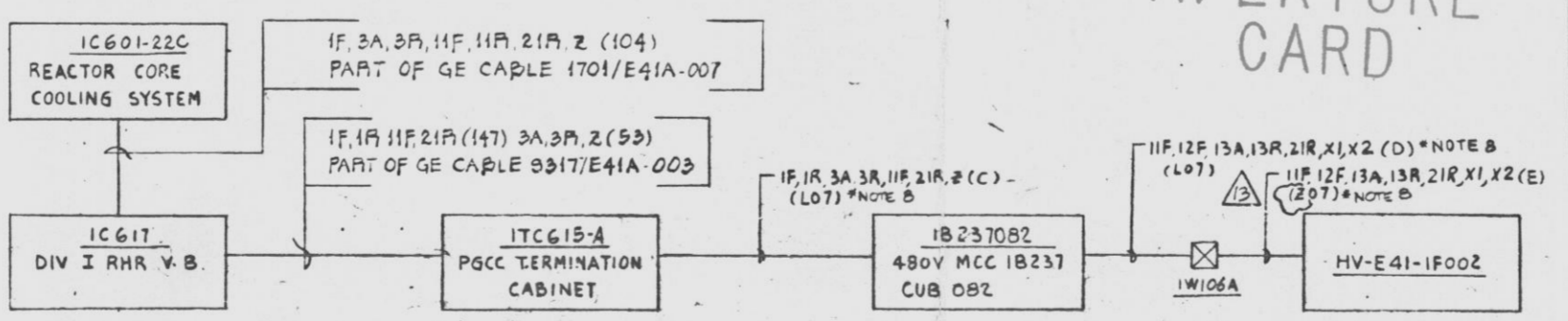
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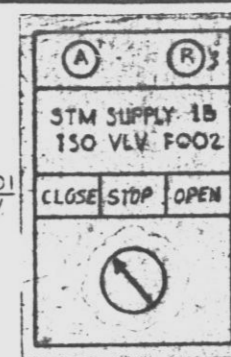
HPCI INBOARD STEAM SUPPLY LINE ISOLATION VALVE HV-E41-1F002  
SCHEME NO 104015  
REF SH 7



F/C EP



F/C EK



BLOCK NO.	CONTACT NO.	POSITION	DWG NO.
STM SUPPLY-1B 150 VLV F002	1-2	F X	THIS SH.
	3-4	B	X
	5-6	F X	E-324, SH. 23
BTM	7-8	B	SPARE
	9-10	F X	REF. SH. 11
TOP	11-12	B	X
	13-14	F X	SPARE

CONTROL SWITCH: HS-15502  
GENERAL ELECTRIC TYPE CA2940  
MAINTAIN CONTACTS KEVLOCK IN OPEN POSITION

VALVE LIMIT SWITCH DEVELOPMENT				
CONTACTS	100% OPEN	INTERMEDIATE	100% CLOSED	100% CONTACT USED
TS-1	10-11-02			SPARE
TS-2	10-11-04			SPARE
TS-3	10-11-06			THIS SH.
TS-4	10-11-08			SPARE
TS-5	10-11-10			SPARE
TS-6	11-11-02			E-324, SH. 23
TS-7	11-11-04			THIS SH.
TS-8	11-11-06			SPARE
TS-9	11-11-08			SPARE
TS-10	11-11-10			E-152, SH. 18
TS-11	11-11-12			SPARE
TS-12	11-11-14			SPARE
TS-13	11-11-16			SPARE
TS-14	11-11-18			SPARE
TS-15	11-11-20			SPARE
TS-16	11-11-22			SPARE
TS-17	11-11-24	OPEN ON HIGH CLOSING TORQUE		THIS SH.
TS-18	11-11-26	OPEN ON HIGH OPENING TORQUE		SPARE

- NOTES
- ALL DEVICE NO.'S TO BE SUFFIXED BY STARTER LOCATION NO. UNLESS NOTED OTHERWISE.
  - FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAMS SEE-8856-E-42.
  - RELAY (K44) ENERGIZE ON (a) HPCI TURBINE EXHAUST DIAPHRAM HIGH PRESSURE OR (b) HIGH DIFFERENTIAL PRESSURE (STEAM LINE BREAK) OR (c) HPCI AREA HIGH TEMPERATURE.
  - FOR TEST BYPASS CONTACT SEE DWG. E-185, SH. 2.
  - NUMBERS IN PARENTHESIS ARE GE DEVICE NUMBERS.
  - DESIGN BASED ON GE JAPED ELEMENTARY 791420M3 (V19 8856-MH-E41-1F).

**POOR ORIGINAL**

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

Doc# 50-387  
Control # 8303090234  
Date 3/18/83 of Document  
REGULATORY DOCKET FILE

BECHTEL NO.	PL. NO.
E-42	A-107191
8856-MH-E41-1F	FF127250
E-185	D-107334

NO.	DATE	REVISIONS	BY	CHKD	APPD
12	1/12	ISSUED AS BUILT (DCP 308-DIA/04P1)	W		
11	1/12	ON REV. 8, REV. 5, REV. 4, REV. 3, REV. 2, REV. 1	W		
10	1/12	REVISED TO INCORPORATE	W		
9	1/12	ISSUED FOR CONSTRUCTION	W		
8	2/1/83	ISSUED FOR INFORMATION	W		

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

BECHTEL - SAN FRANCISCO

**SCHEMATIC DIAGRAM**  
HPCI INBOARD STEAM SUPPLY LINE ISOLATION VALVE UNIT 1

JOB No.	DRAWING No.	REV.
8856	E-152 SH16	13

D-107301 SH16

24X

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DANNY 8-13-82 MRG I

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