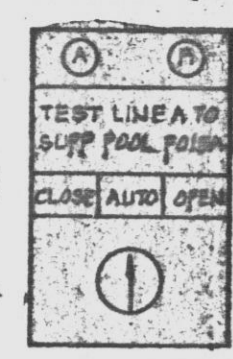
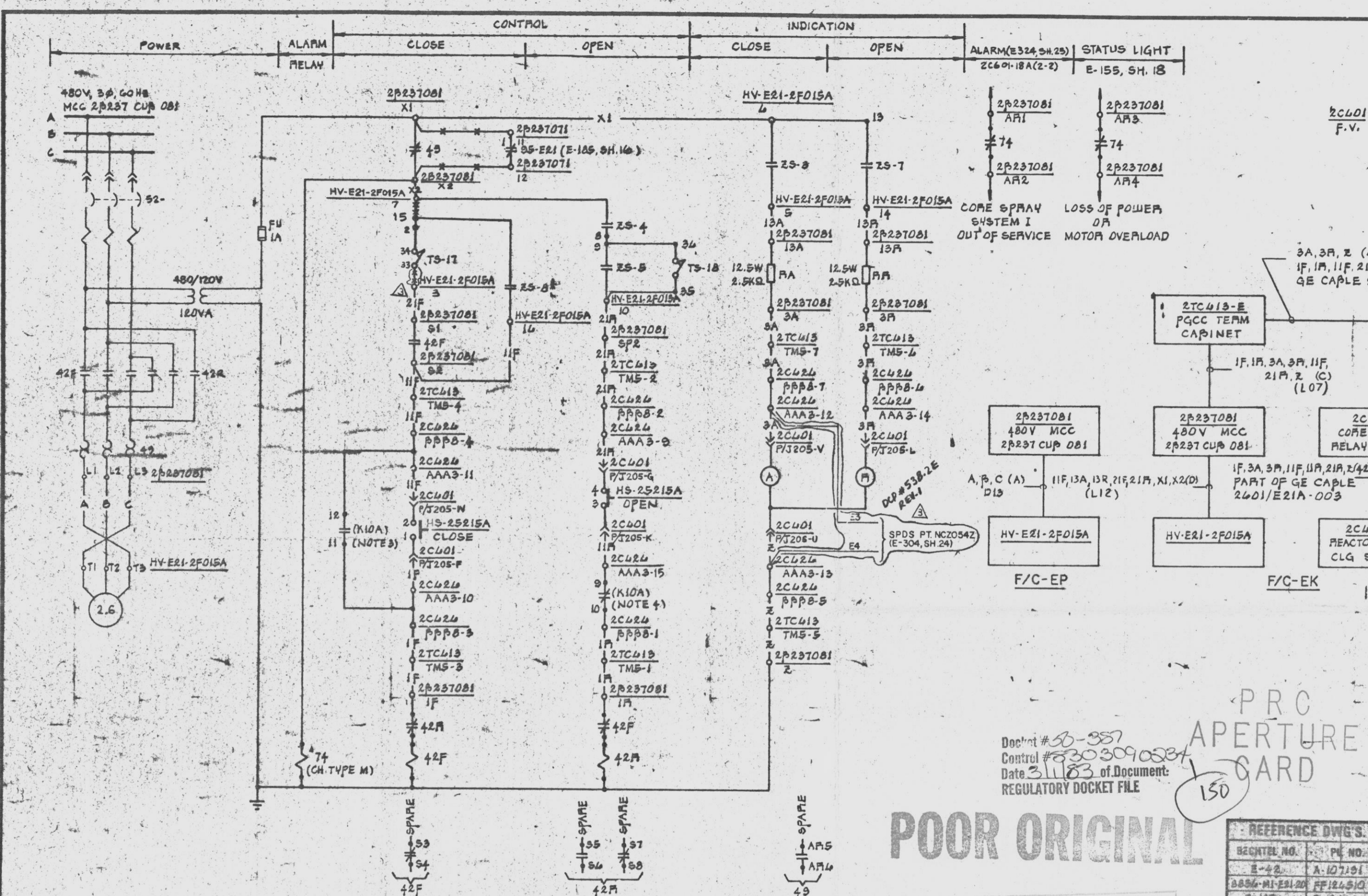


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BLOCK No.	CONTACT No.	POSITION	DRAWING No.
TOP	1A1, 1A2, 1A3, 1A4	F X	THIS SH
BTM	50, 104, 78	F X	SPARE

CONTROL SWITCH: HS-25215A (S448B)  
GENERAL ELECTRIC TYPE CR2940  
SPRING RETURN TO AUTO

CONTACTS	100% OPEN	INTERMEDIATE	100% CLOSED	CONTACT USED
25-1	0-1-0-2			SPARE
25-2	0-1-0-4			
25-3	0-1-0-6			THIS SH
25-4	0-1-0-8			
25-5	0-1-0-10			SPARE
25-6	0-1-0-12			
25-7	0-1-0-14			THIS SH
25-8	0-1-0-16			
25-9	0-1-0-18			SPARE
25-10	0-1-0-20			
25-11	0-1-0-22			
25-12	0-1-0-24			
25-13	0-1-0-26			
25-14	0-1-0-28			
25-15	0-1-0-30			
25-16	0-1-0-32			
25-17	0-1-0-34			OPEN ON HIGH CLOSING TORQUE THIS SH
25-18	0-1-0-36			OPEN ON HIGH OPENING TORQUE CONTACT CLOSED

VALVE LIMIT SWITCH DEVELOPMENT

- NOTES:
- ALL DEVICE NOS TO BE SUFFIXED BY STARTER LOCATION NO UNLESS NOTED OTHERWISE.
  - FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAM SEE 8854-E-42.
  - CONTACT CLOSURES ON DRYWELL HIGH PRESSURE OR REACTOR LOW LEVEL.
  - CONTACT OPENS ON DRYWELL HIGH PRESSURE OR REACTOR LOW LEVEL.
  - DESIGN BASED ON GE/APED ELEMENTARY 791E419AE (V/P 8854-M1-E21-20).
  - FOR SPACE HEATER POWER SUPPLY SEE DWG E-741 SH.13.

CORE SPRAY TEST LINE A TO SUPP POOL HV-E21-2F015A I  
SCHEME NO. 220811  
REF. SH 514

DIVISION No.	SCHEME No.	FACILITY CODE	VALVE No.	VALVE DESCRIPTION	HP	STARTER LOCATION	CONTROL SWITCH No.	LOCATION	2C401 PIN NO.	INTERLOCK	SPDS	REF DWG.
I	220811	EP/EK	HV-E21-2F015A	TEST LINE A TO SUPP POOL F015A	2.6	2P237081	HS-25215A	2C401-18C	205	K G F W U L V	NCZ054Z	E-304, SH.24
II	220812	FP/PK	HV-E21-2F015B	TEST LINE B TO SUPP POOL F015B	2.6	2P237082	HS-25215B	2C401-21C	212	D I H C A R N	NCZ069Z	E-304, SH.24

TERMINATION	TERMINAL NO.	PGCC TERM CABINET	TERMINAL NO.	GE LINE CODE / CABLE NUMBER	95-E21 RELAY
2C401	AAA3-2, 2003-1, 2003-2, 2003-3, 2003-4, 2003-5, 2003-6, 2003-7, 2003-8, 2003-9, 2003-10, 2003-11, 2003-12, 2003-13, 2003-14, 2003-15, 2003-16, 2003-17, 2003-18, 2003-19, 2003-20, 2003-21, 2003-22, 2003-23, 2003-24, 2003-25, 2003-26, 2003-27, 2003-28, 2003-29, 2003-30, 2003-31, 2003-32, 2003-33, 2003-34, 2003-35, 2003-36, 2003-37, 2003-38, 2003-39, 2003-40, 2003-41, 2003-42, 2003-43, 2003-44, 2003-45, 2003-46, 2003-47, 2003-48, 2003-49, 2003-50, 2003-51, 2003-52, 2003-53, 2003-54, 2003-55, 2003-56, 2003-57, 2003-58, 2003-59, 2003-60, 2003-61, 2003-62, 2003-63, 2003-64, 2003-65, 2003-66, 2003-67, 2003-68, 2003-69, 2003-70, 2003-71, 2003-72, 2003-73, 2003-74, 2003-75, 2003-76, 2003-77, 2003-78, 2003-79, 2003-80, 2003-81, 2003-82, 2003-83, 2003-84, 2003-85, 2003-86, 2003-87, 2003-88, 2003-89, 2003-90, 2003-91, 2003-92, 2003-93, 2003-94, 2003-95, 2003-96, 2003-97, 2003-98, 2003-99, 2003-100	2TC413-E	TM5-1, TM5-2, TM5-3, TM5-4, TM5-5, TM5-6, TM5-7, TM5-8, TM5-9, TM5-10, TM5-11, TM5-12, TM5-13, TM5-14, TM5-15, TM5-16, TM5-17, TM5-18, TM5-19, TM5-20, TM5-21, TM5-22, TM5-23, TM5-24, TM5-25, TM5-26, TM5-27, TM5-28, TM5-29, TM5-30, TM5-31, TM5-32, TM5-33, TM5-34, TM5-35, TM5-36, TM5-37, TM5-38, TM5-39, TM5-40, TM5-41, TM5-42, TM5-43, TM5-44, TM5-45, TM5-46, TM5-47, TM5-48, TM5-49, TM5-50, TM5-51, TM5-52, TM5-53, TM5-54, TM5-55, TM5-56, TM5-57, TM5-58, TM5-59, TM5-60, TM5-61, TM5-62, TM5-63, TM5-64, TM5-65, TM5-66, TM5-67, TM5-68, TM5-69, TM5-70, TM5-71, TM5-72, TM5-73, TM5-74, TM5-75, TM5-76, TM5-77, TM5-78, TM5-79, TM5-80, TM5-81, TM5-82, TM5-83, TM5-84, TM5-85, TM5-86, TM5-87, TM5-88, TM5-89, TM5-90, TM5-91, TM5-92, TM5-93, TM5-94, TM5-95, TM5-96, TM5-97, TM5-98, TM5-99, TM5-100	(42) 2601/E21A-003, (43) (107) 0124/E21A-009, (44) (109) 0127/E21A-006	LOC/TERM NO. REF DWG. 2B237071 E-185, SH.16 11, 12 2B247081 E-185, SH.17 29, 30

REFERENCE DWG'S:

BECHTEL NO.	PI NO.
E-42	A-107191
8854-M1-E21-20	FF124510
E-185	C-107334

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REVISED PER DCP 538.2E, REV. 1

REVISION PER FCER E-4221

REVISED TERM NO. (DCR-42)

ADDED TERM NO. & REVISED AS SHOWN

ISSUED FOR CONSTRUCTION

SCALE: 1/4" = 1'-0"

DESIGNED BY: SZCZEPANSKI

CHECKED BY: MRS. M. J. TOS

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

BECHTEL - SAN FRANCISCO

SCHEMATIC DIAGRAM  
CORE SPRAY TEST LINE TO  
SUPPRESSION POOL VALVES UNIT 2

JOB No.	DRAWING No.	REV.
8856	E-155 SH14	3

D-107304 SH14

POOR ORIGINAL  
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Signed: DANNY Date: 1-15-82 Camera Type: MRG 1