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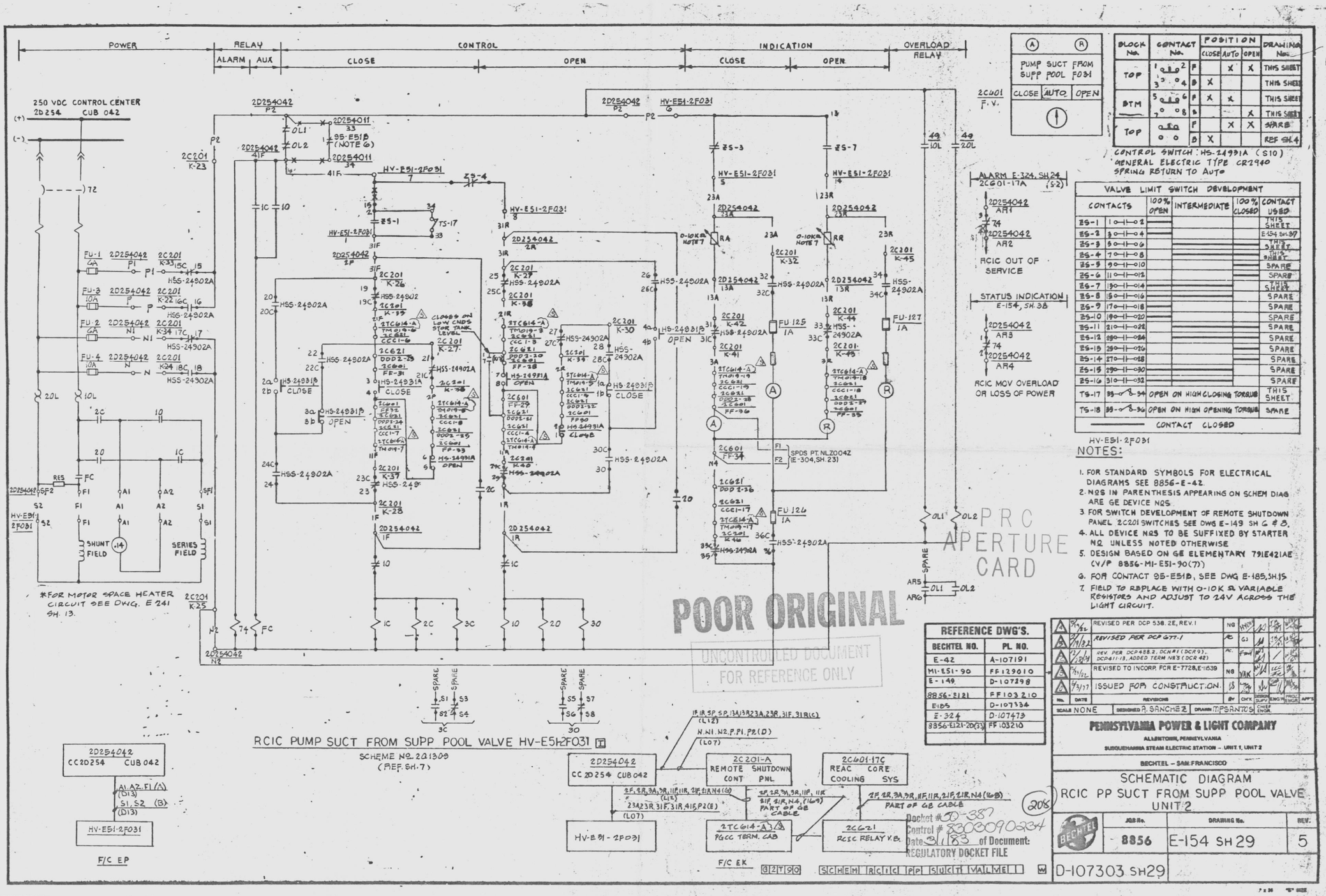

BLOCK No.	CONTACT No.		POSITION CLOSE	POSITION AUTO	POSITION OPEN	DRAWING No.
TOP	1 2 3 4	F		X	X	THIS SHEET
		B	X			THIS SHEET
BTM	5 6 7 8	F	X	X		THIS SHEET
		B	-	-	X	THIS SHEET
TOP		F		X	X	SPARE
		B	X			REF SH. 4

CONTROL SWITCH: HS-24931A (S10)
GENERAL ELECTRIC TYPE CR2940
SPRING RETURN TO AUTO

VALVE LIMIT SWITCH DEVELOPMENT

CONTACTS		100% OPEN	INTERMEDIATE	100% CLOSED	CONTACT USED
ZS-1	1 0 — 1 — 0 2				THIS SHEET
ZS-2	3 0 — 1 — 0 4				E-154 SH. 3B
ZS-3	5 0 — 1 — 0 6				THIS SHEET
ZS-4	7 0 — 1 — 0 8				THIS SHEET
ZS-5	9 0 — 1 — 0 10				SPARE
ZS-6	11 0 — 1 — 0 12				SPARE
ZS-7	13 0 — 1 — 0 14				THIS SHEET
ZS-8	15 0 — 1 — 0 16				SPARE
ZS-9	17 0 — 1 — 0 18				SPARE
ZS-10	19 0 — 1 — 0 20				SPARE
ZS-11	21 0 — 1 — 0 22				SPARE
ZS-12	23 0 — 1 — 0 24				SPARE
ZS-13	25 0 — 1 — 0 26				SPARE
ZS-14	27 0 — 1 — 0 28				SPARE
ZS-15	29 0 — 1 — 0 30				SPARE
ZS-16	31 0 — 1 — 0 32				SPARE
TS-17	33 — 34		OPEN ON HIGH CLOSING TORQUE		THIS SHEET
TS-18	35 — 36		OPEN ON HIGH OPENING TORQUE		SPARE

NOTES:

1. FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAMS SEE 8856-E-42.
2. NOS IN PARENTHESIS APPEARING ON SCHEM DIAG ARE GE DEVICE NOS.
3. FOR SWITCH DEVELOPMENT OF REMOTE SHUTDOWN PANEL 2C201 SWITCHES SEE DWG E-149 SH G & B.
4. ALL DEVICE NOS TO BE SUFFIXED BY STARTER NO. UNLESS NOTED OTHERWISE
5. DESIGN BASED ON GE ELEMENTARY 791E421AE (V/P 8856-MI-E51-90(7))
6. FOR CONTACT 95-E51B, SEE DWG E-185, SH. 15
7. FIELD TO REPLACE WITH 0-10K Ω VARIABLE RESISTORS AND ADJUST TO 24V ACROSS THE LIGHT CIRCUIT.

REFERENCE DWG'S.	
BECHTEL NO.	PL. NO.
E-42	A-107191
MI-E51-90	FF129010
E-149	D-107298
8856-E121	FF103210
E-185	D-107334
E-324	D-107473
8856-E121-20(3)	FF103210

NO.	DATE	REVISIONS	BY	CHK'D	SUPV	ENG'G	PROJ ENGR.	APP'D
A	8/4/82	REVISED PER DCP 538.2E, REV.1	NG	WMC				
A	3/11/82	REVISED PER DCP G77-1	RC	GJ				
A	12/28/79	REV. PER DCP 488.2, DCN#1 (DCR 9), DCP 411.13, ADDED TERM NOS (DCR 42)	RC	FWM				
A	7/14/82	REVISED TO INCORP. FCR E-7728, E-1539	NG	VAK				
A	9/9/77	ISSUED FOR CONSTRUCTION.	JS					

SCALE NONE | DESIGNED A. SANCHEZ | DRAWN M. PSANTOS | CHIEF ENGR.

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

BECHTEL – SAN FRANCISCO

SCHEMATIC DIAGRAM
RCIC PP SUCT FROM SUPP POOL VALVE
UNIT 2

JOB No.	DRAWING No.	REV.
8856	E-154 SH 29	5
D-107303 SH29		

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