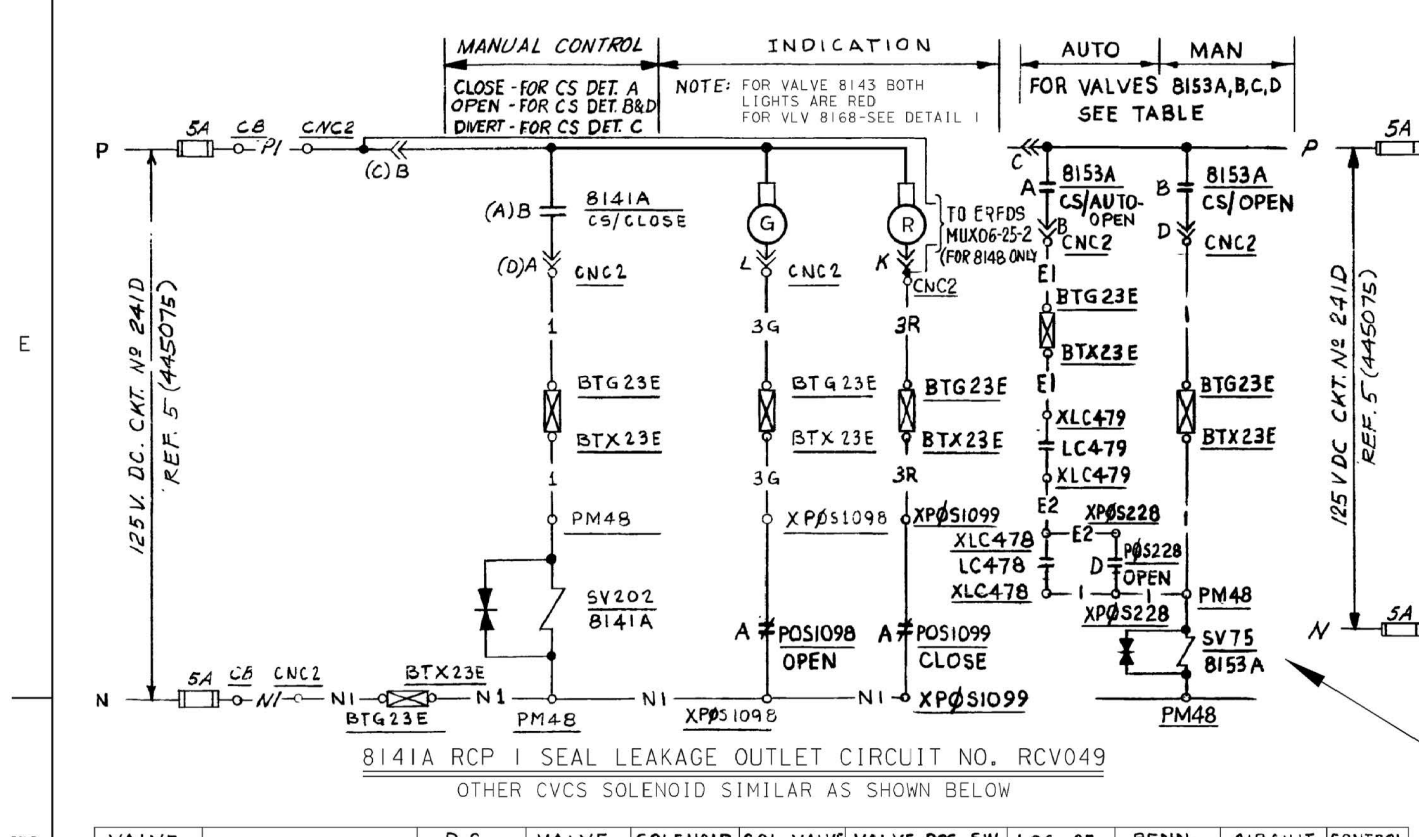
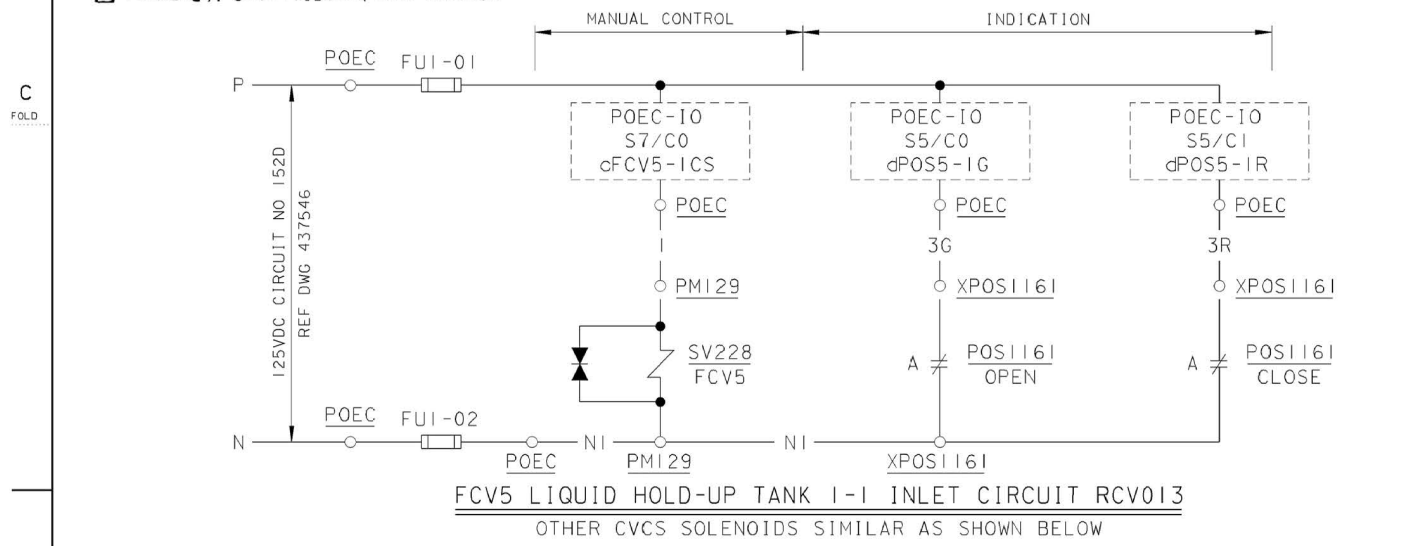




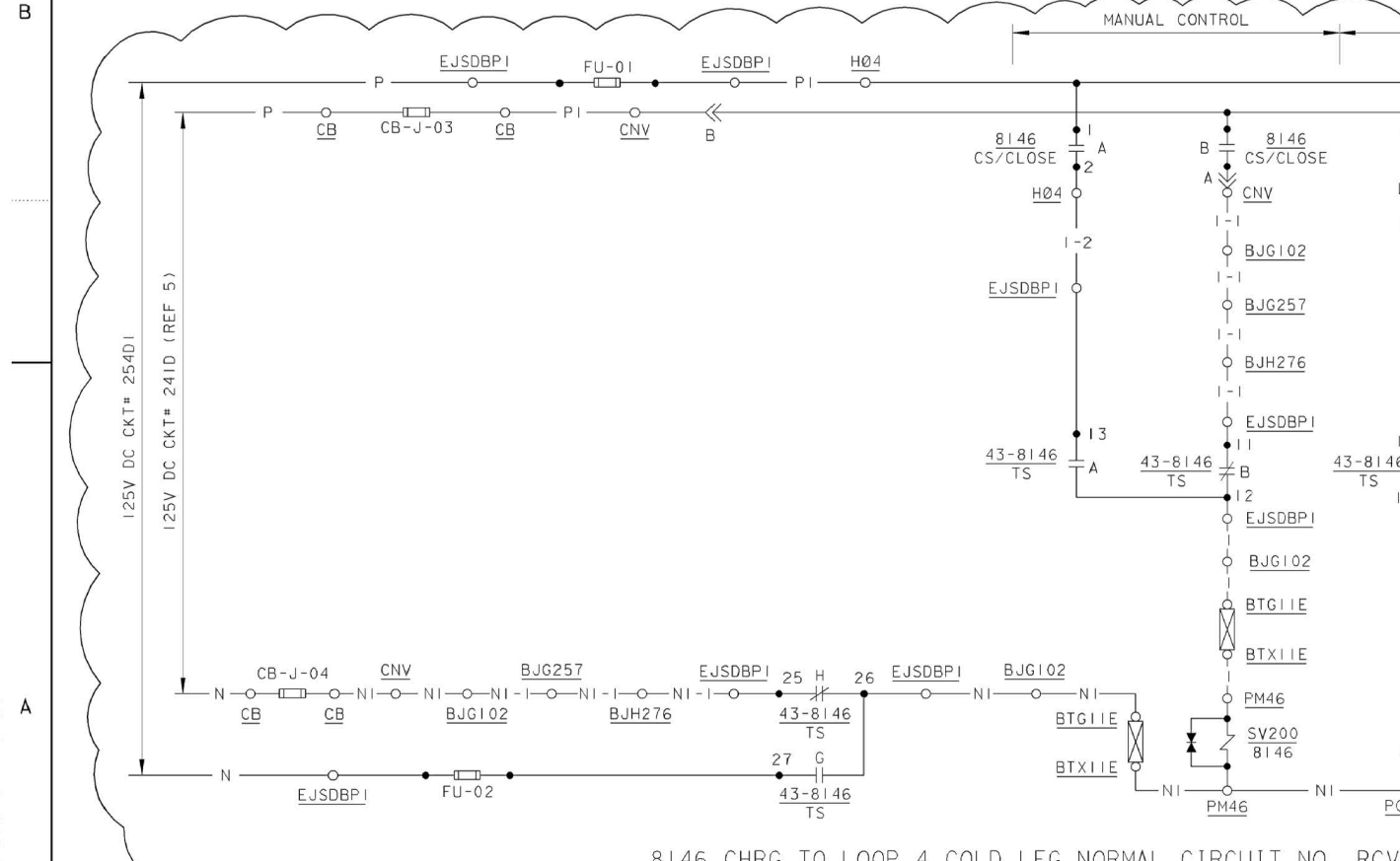
VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
8141A	RCP 1 SEAL LEAKAGE OUTLET	241D	X8141A	202	PM148	1099	CNC2	23E	RCV049	A
8141B	RCP 2 SEAL LEAKAGE OUTLET		X8141B	203	PM125	1101		23E	RCV052	A
8141C	RCP 3 SEAL LEAKAGE OUTLET		X8141C	204	PM146	1103		11E	RCV055	A
8141D	RCP 4 SEAL LEAKAGE OUTLET		X8141D	72	PM162	223		11E	RCV058	A
8142	RCP 5 H ₂ O SEAL BYPASS		X8142	205	PM30	225	CNV	11E	RCV061	B

8147	CHRG TO LOOP 3 COLD LEG ALT. RCP 1 WTR. SEAL STAND PIPE H ₂ O SUP.	241D	X8147	201	PM46	1097	CNV	11E	RCV034	A
8153A	RCP 2 WTR. SEAL STAND PIPE H ₂ O SUP.		X8153A	75	PM148	229	CNC2	23E	RCV012	E
8153B	RCP 3 WTR. SEAL STAND PIPE H ₂ O SUP.		X8153B	76	PM125	231		23E	RCV015	E
8153C	RCP 4 WTR. SEAL STAND PIPE H ₂ O SUP.		X8153C	77	PM146	233		11E	RCV018	E
8153D	RCP 5 WTR. SEAL STAND PIPE H ₂ O SUP.		X8153D	78	PM162	235		11E	RCV031	E
8167	EXCESS LETDOWN HT. EXCHANGER IN		X8167	206	PM84	227		11E	RCV046	B
8166	EXCESS LETDOWN HT. EXCHANGER OUT		X8166	210	PM84	1308		11E	RCV206	B
8143	EXCESS LETDOWN HT. EXCHANGER IN		X8143	83	PM138	1119		11E	RCV214	C
8168	MIXED BED AND CATION DEMIN. OUTLET		X8168	84	XSVB4	248			RCV010	C
8148	RCP PRESSURIZER AUXILIARY SPRAY BYPASS	217P	X8148	737	PM38	256	CNV	19E	RCV135	B

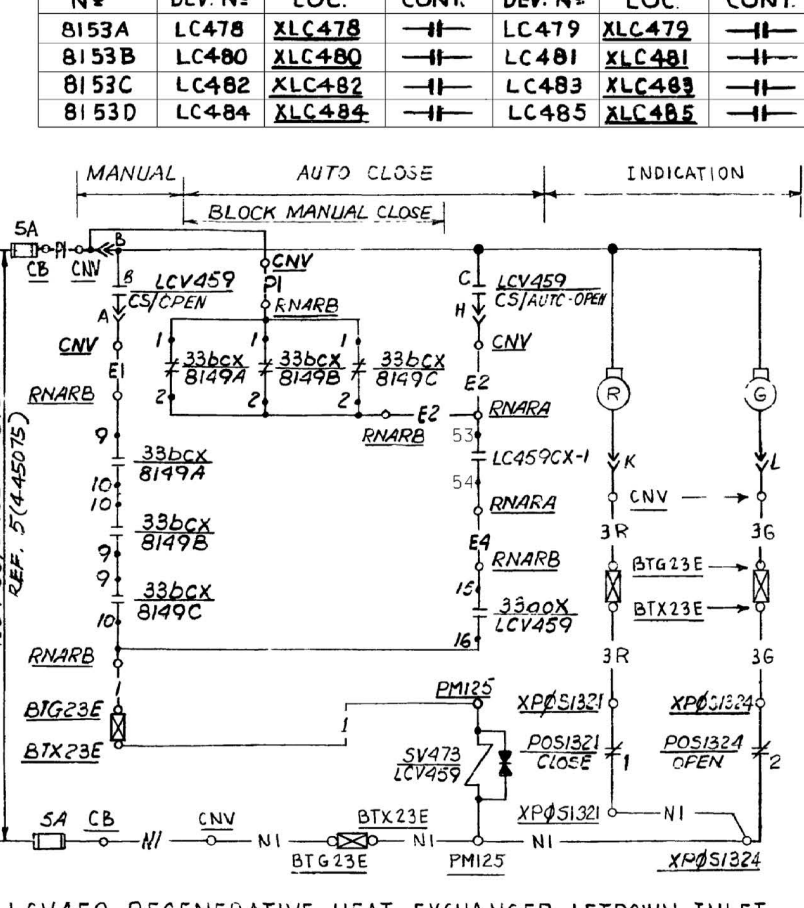
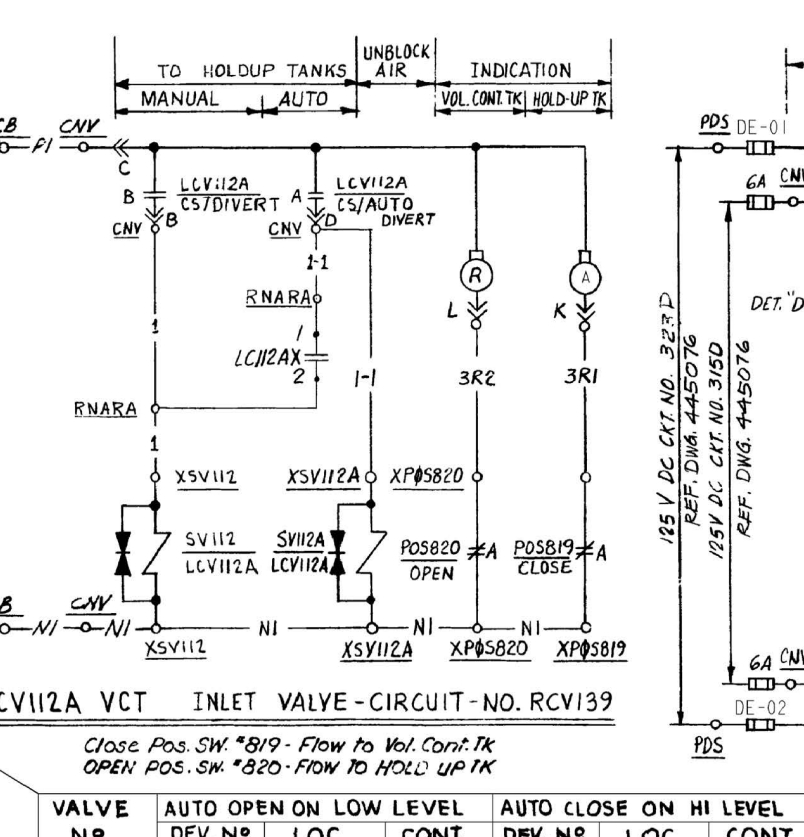
* 125V DC CIRCUIT NO. 217D ON MAIN CONT. BD IVB2 FUSE PNLS, REF. DWG. 437895
△ TRANSIENT SUPPRESSOR NOT NEEDED



VALVE NO.	DESCRIPTION	FUSE I/O	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW.	CIRCUIT NO.	DIGITAL CHASSIS	DIGITAL OUTPUTS	DIGITAL INPUTS
FCV5	L1Q HOLD-UP TK I-1 INLET	POEC-FU1-01 & 02	SV228	PM129	1161	RCV013	POEC-10	S7/C0	cFCV5-1CS
FCV6	L1Q HOLD-UP TK I-2 INLET	POEC-FU2-01 & 02	SV229	PM129	292	RCV016	POEC-10	S7/C1	cFCV6-1CS
FCV7	L1Q HOLD-UP TK I-3 INLET	POEC-FU3-01 & 02	SV230	PM129	1030	RCV043	POEC-10	S7/C2	cFCV7-1CS
FCV8	L1Q HOLD-UP TK I-4 INLET	POEC-FU4-01 & 02	SV231	PM130	809	RCV064	POEC-10	S7/C3	cFCV8-1CS
FCV9	L1Q HOLD-UP TK I-5 INLET	POEC-FU5-01 & 02	SV232	PM130	811	RCV067	POEC-10	S7/C4	cFCV9-1CS
FCV10	L1Q HOLD-UP TK I-6 INLET	POEC-FU6-01 & 02	SV1401	XSV1401	1401	RCV220	POCVI-10	S3/C3	cFCV10-1CS
FCV1401	LAUNDRY/DISTILLATE TK 0-1 INLET	POCVI-FU2-01 & 02	SV1402	XSV1402	1402	RCV270	POCVI-10	S3/C4	cFCV1402CS
FCV1402	LAUNDRY/DISTILLATE TK 0-2 INLET	POCVI-FU3-01 & 02	SV1402	XSV1402	1402	RCV270	POCVI-10	S3/C4	cFCV1402CS

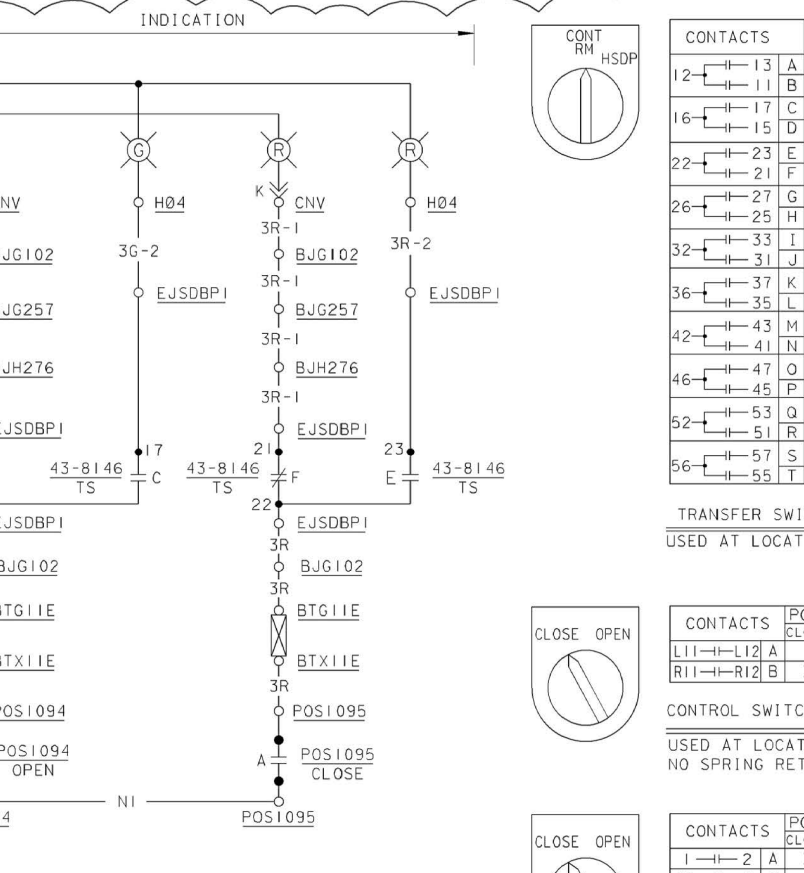


VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. CLOSE	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.
8146	CHRG TO LOOP 4 COLD LEG NORMAL	241D/254D1	X8146	200	PM46	1095	CNV	11E	RCV037

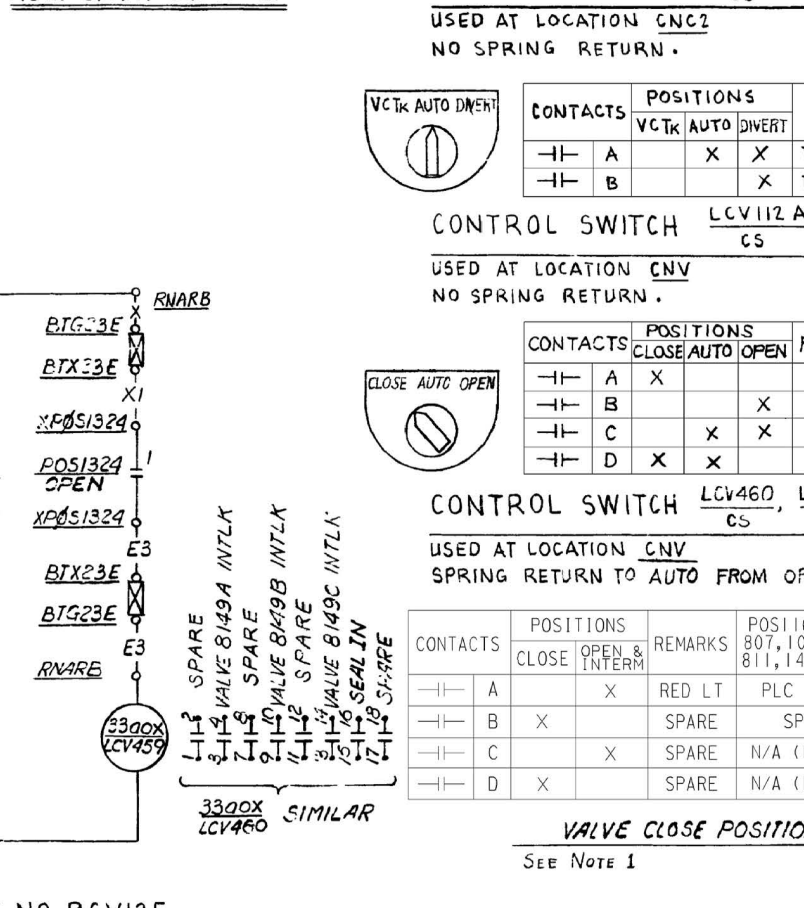
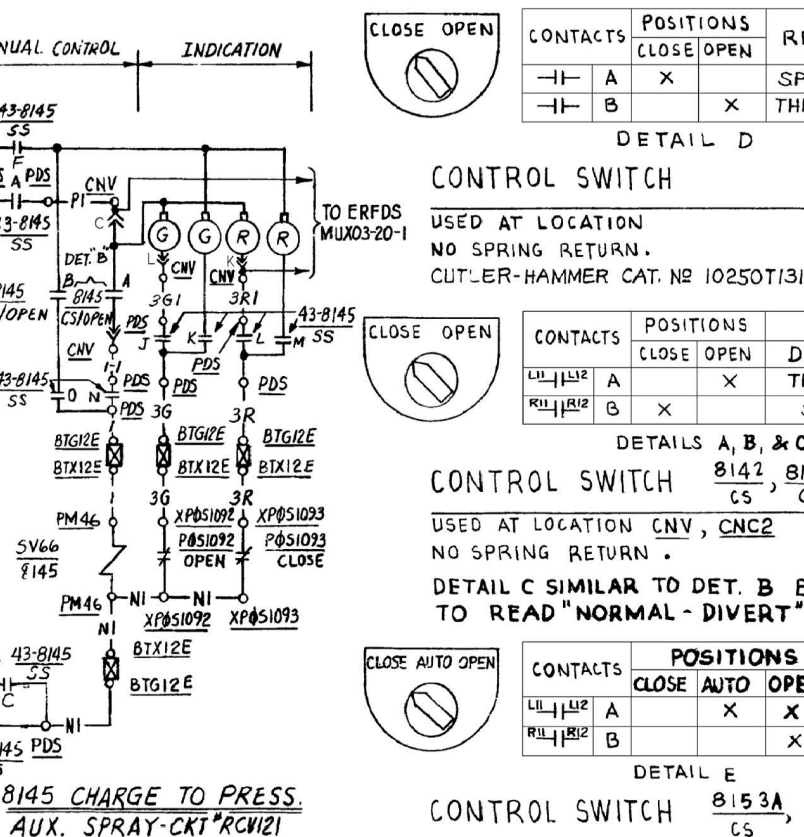


VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			

VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			

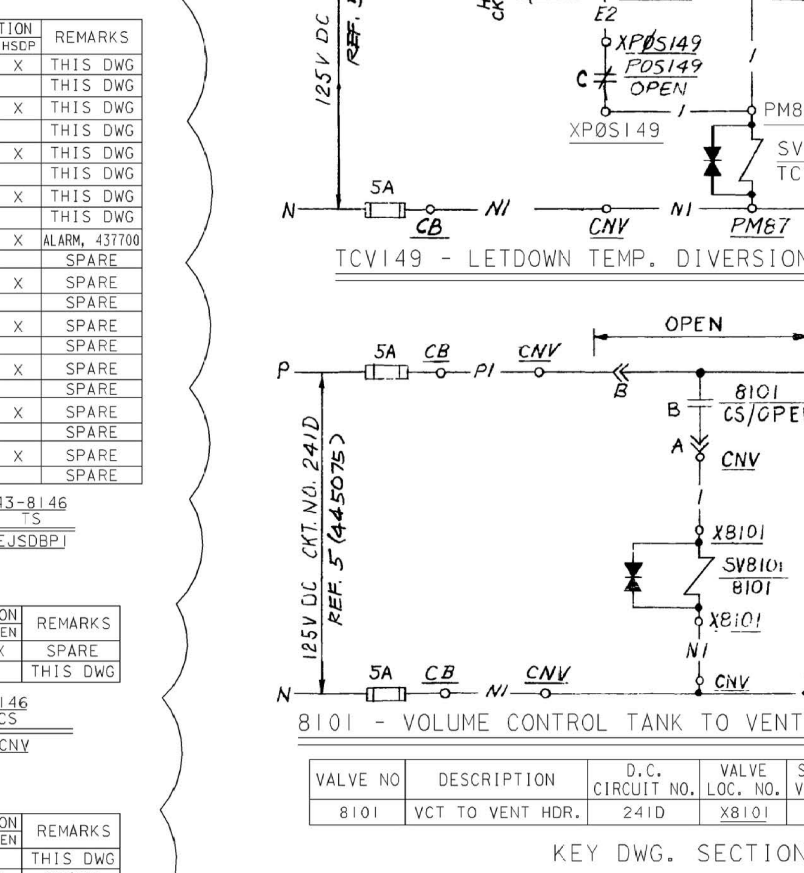


VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. CLOSE	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.
8146	CHRG TO LOOP 4 COLD LEG NORMAL	241D/254D1	X8146	200	PM46	1095	CNV	11E	RCV037

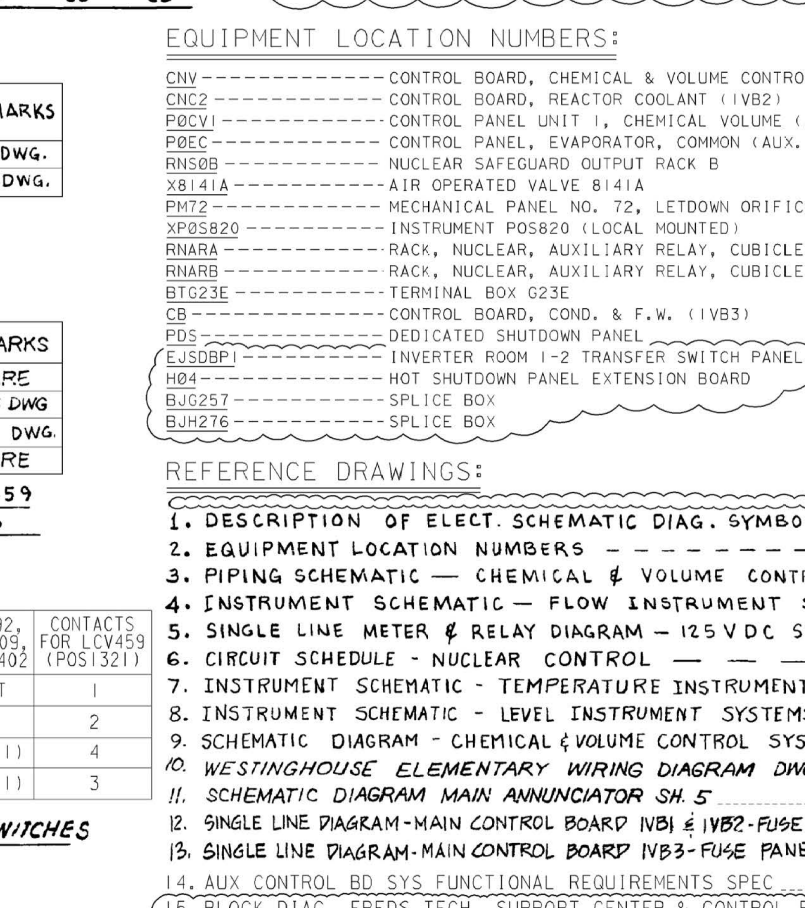
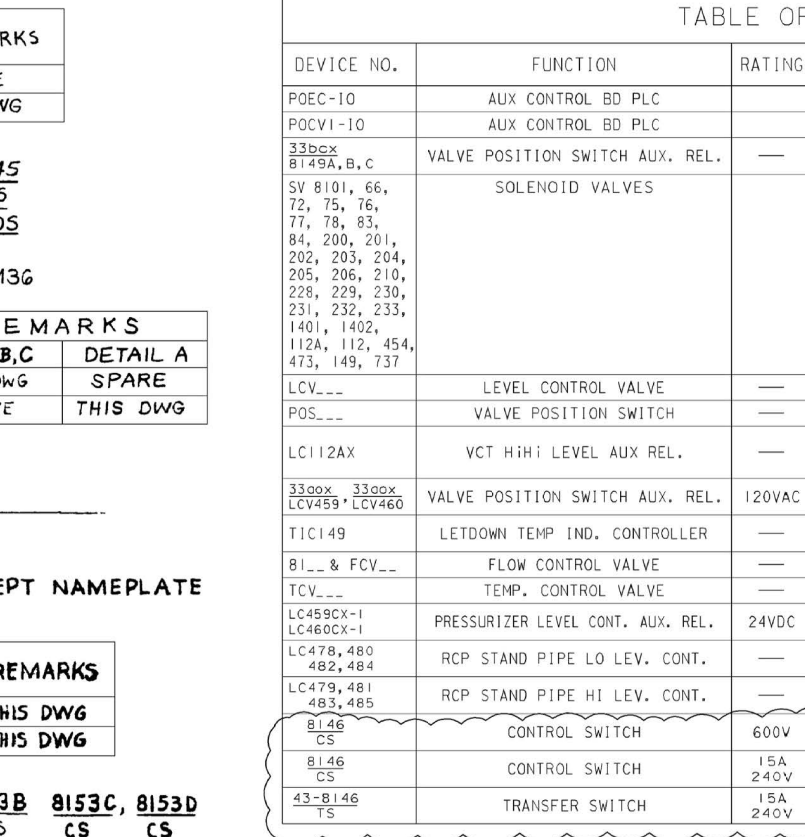


VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			

VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			

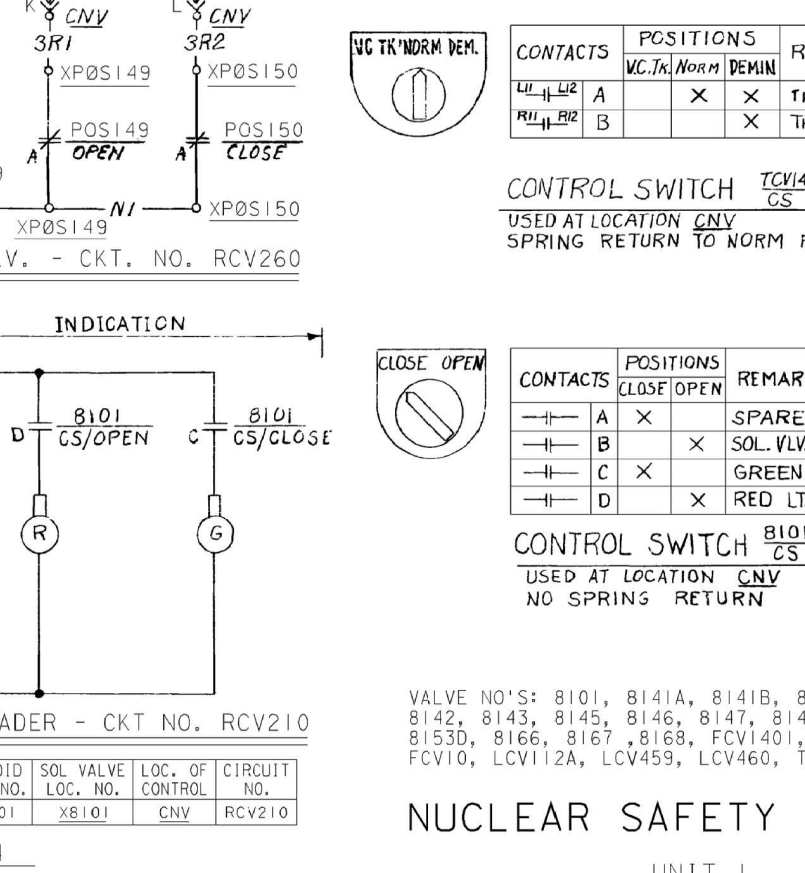


VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.
8101	VCT TO VENT HDR.	241D	X8101	SV8101			CNV		RCV210



VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			

VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.	CONTROL SWITCH DETAIL
LCV459	REGEN. H.X. LETDOWN INLET	RCV125	241D	XLCV459	473	PM125	CNV			
LCV460	REGEN. H.X. LETDOWN INLET	RCV130	241D	XLCV460	454	PM125	CNV			



VALVE NO.	DESCRIPTION	D.C. CIRCUIT NO.	VALVE LOC. NO.	SOLENOID VALVE NO.	SOL. VALVE LOC. NO.	VALVE POS. SW. OPEN	LOC. OF CONTROL	PENN. NO.	CIRCUIT NO.</
-----------	-------------	------------------	----------------	--------------------	---------------------	---------------------	-----------------	-----------	---------------