

**SYSTEM DATA**

NO.	PSIG	°F	BY	REMARKS
1	4900	26	120	KAC
2	2450	31	120	KAC
3	2500	44	120	KAC INJECTION
4	2500	230	120	KAC INJECTION
5	1214	97	120	KAC INJECTION
6	76	97	120	KAC INJECTION
7	2500	230	120	KAC INJECTION
8	30	27	105	KAC
9	65	31	105	KAC
10	2500	50	120	KAC
11	100	7	100	
12	100	42	100	
13	50	75	100	
14	50	100	100	

\* MAXIMUM FLOW WITH BOTH PUMPS OPERATING  
 \*\* MAXIMUM FLOW WITH ONE PUMP OPERATING

**SAFETY CLASS VERIFICATION**

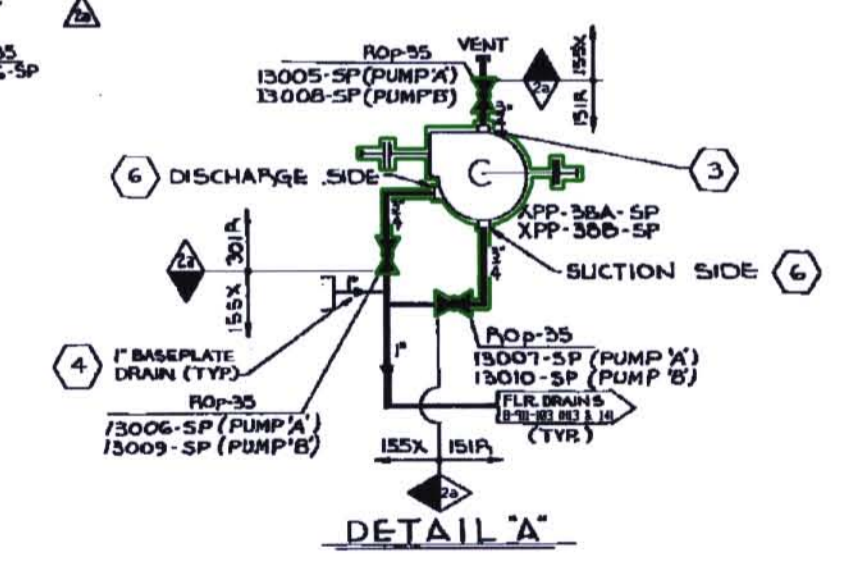
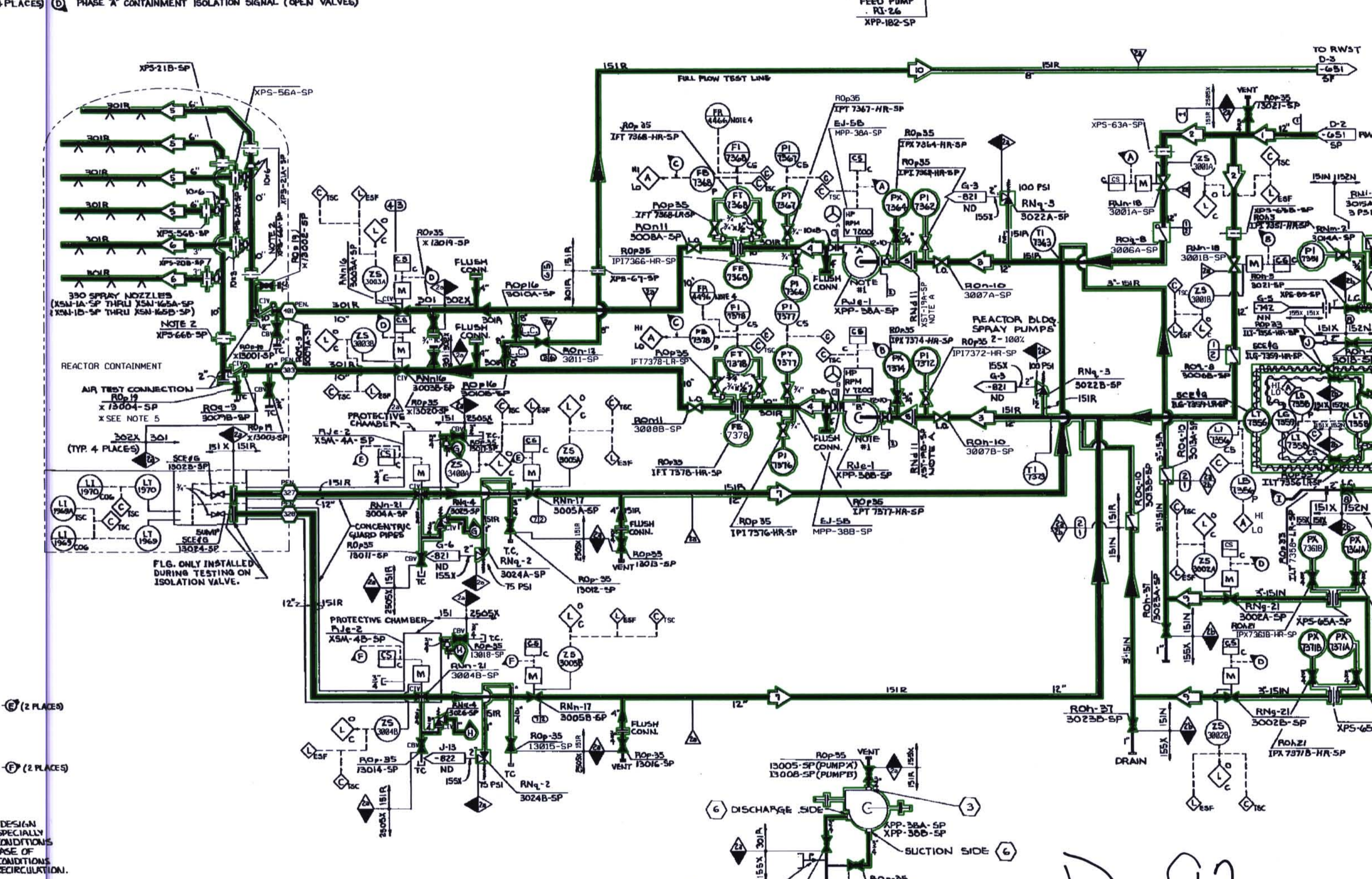
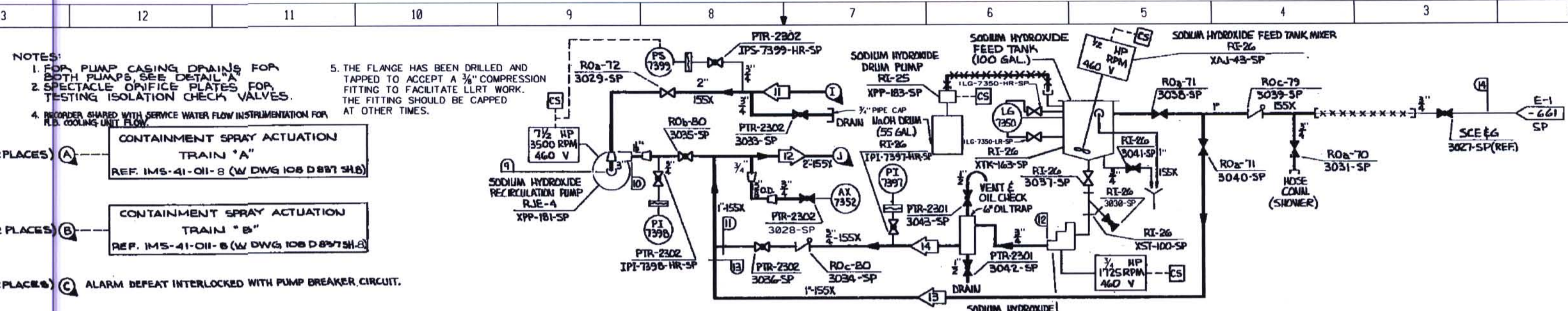
ORIGINATED BY	<i>[Signature]</i>
REVIEWED BY	<i>[Signature]</i>

NOTE:  
 A. TEMPORARY STRAINER FOR SYS. CLEAN UP TO BE REMOVED AFTER FINAL FLUSH.

NOTE:  
 WHEN APPLICABLE, THE NORMAL DESIGN PRESSURES & TEMPERATURES (ESPECIALLY TEMPERATURES) ARE THE WORST CONDITIONS THAT EXIST DURING INJECTION PHASE OF SAFETY INJECTION. THE UPSET CONDITIONS ARE THE WORST CONDITIONS FOR RECIRCULATION.

**DESIGN DATA**

NO.	PSIG	°F	BY	REMARKS
14	100	100	110	165
15	100	100	110	165
16	125	100	150	100
17	125	100	150	100
18	125	100	150	100
19	125	100	150	100
20	125	100	150	100
21	125	100	150	100
22	125	100	150	100
23	125	100	150	100
24	125	100	150	100
25	125	100	150	100
26	125	100	150	100
27	125	100	150	100
28	125	100	150	100
29	125	100	150	100
30	125	100	150	100
31	125	100	150	100
32	125	100	150	100
33	125	100	150	100
34	125	100	150	100
35	125	100	150	100
36	125	100	150	100
37	125	100	150	100
38	125	100	150	100
39	125	100	150	100
40	125	100	150	100
41	125	100	150	100
42	125	100	150	100
43	125	100	150	100
44	125	100	150	100
45	125	100	150	100
46	125	100	150	100
47	125	100	150	100
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90	125	100	150	100
91	125	100	150	100
92	125	100	150	100
93	125	100	150	100
94	125	100	150	100
95	125	100	150	100
96	125	100	150	100
97	125	100	150	100
98	125	100	150	100
99	125	100	150	100
100	125	100	150	100



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THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.

PLEX Drawing TR00160-002  
 FSAR Figure 6.2-46  
 SOUTH CAROLINA ELECTRIC & GAS COMPANY  
 VIRGIL C. SUMNER NUCLEAR STATION  
 PIPING SYSTEM FLOW DIAGRAM  
 REACTOR BUILDING SPRAY SYSTEM

DESIGN ENGINEERING

DDJ	MGR	GAL
DDJ	MGR	GAL
D-302-661		

DRAWING LEGIBILITY CLASS 1

NO.	DATE	BY	REVISION	CHK. BY	APPROVAL
30	04/01/81	AVN	REVISED PER CGSS-97-0636	MGR	WTW
29	10/01/80	AVN	REVISED PER CGSS-97-0389	MGR	MWD
28	08/01/80	AVN	REVISED PER MRF-22840	MGR	JEV
27	05/25/80	JHM	REVISED AS PER NCR-4903	MGR	GVM
26	04/01/80	SMH	REVISED PER MRF-2475	MGR	RLJ
31	03/01/81	JMR	REVISED PER CGSS-99-0261	SM	TOC