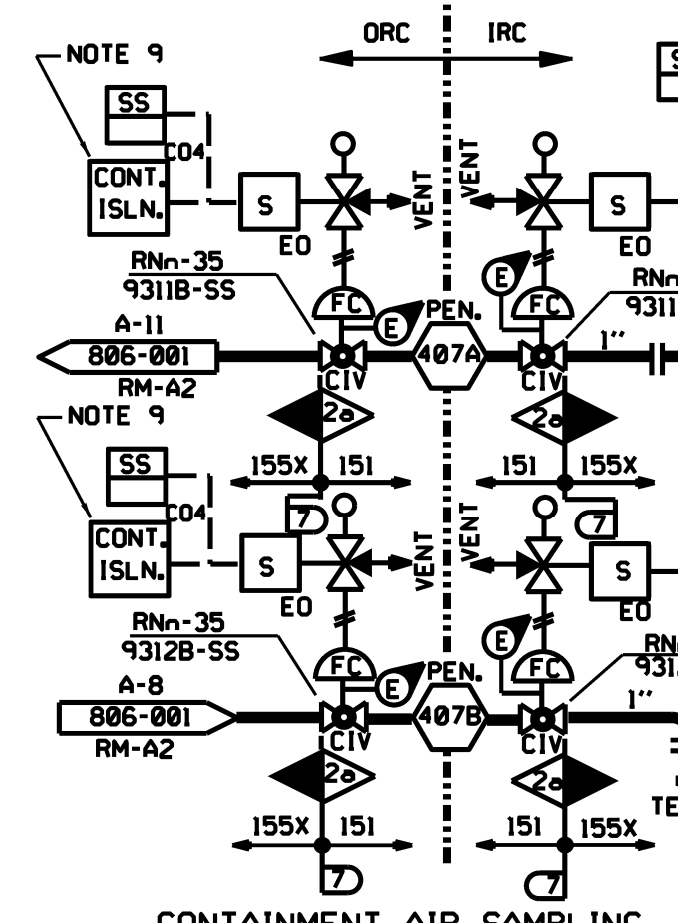
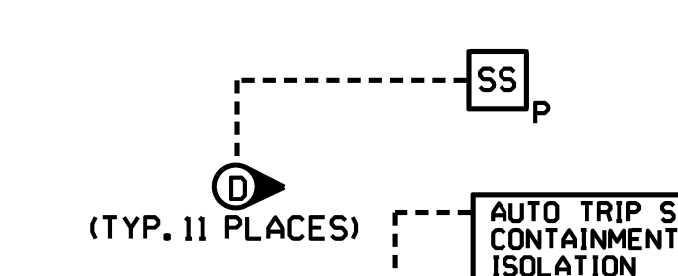
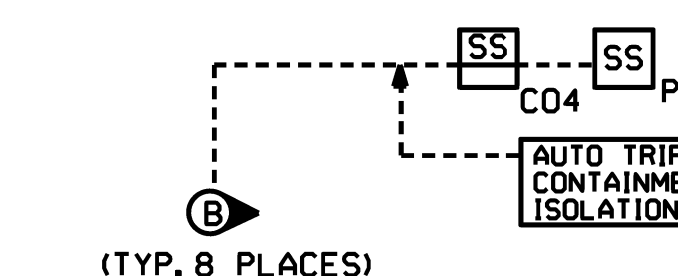


SYSTEM DATA					
#	OPN	PSIG	°F	DTK	REMARKS
1	0.5	600	350		
2	0.5	2235	653		
3	0.5	2235	653		NORMAL
4	1.0	2235	618		NORMAL
5	0.5	1093	527		NORMAL
6	0.5	660	441		NORMAL
7	1.0	125	115		
8	0.5	110	115		
9	0.5	125	115		
10	0.5	35	115		
11	0.5	15	115		
12	0.5	125	136		
13	0.5	600	350		NORMAL
14	0.5	2235	618		NORMAL
15	1.0	2235	120		NORMAL
16	0.5	900	120		
17	0.5	250	100		
18	1.5	600	80		FLUSH
19	1.2	600	80		POST ACCIDENT
20	1.2	2235	653		POST ACCIDENT
21	1.2	2235	618		POST ACCIDENT
22	1.2	600	136		POST ACCIDENT
23	1.2	2235	265		POST ACCIDENT
24	1.2	2235	144		POST ACCIDENT

(L) NEXT LETTER

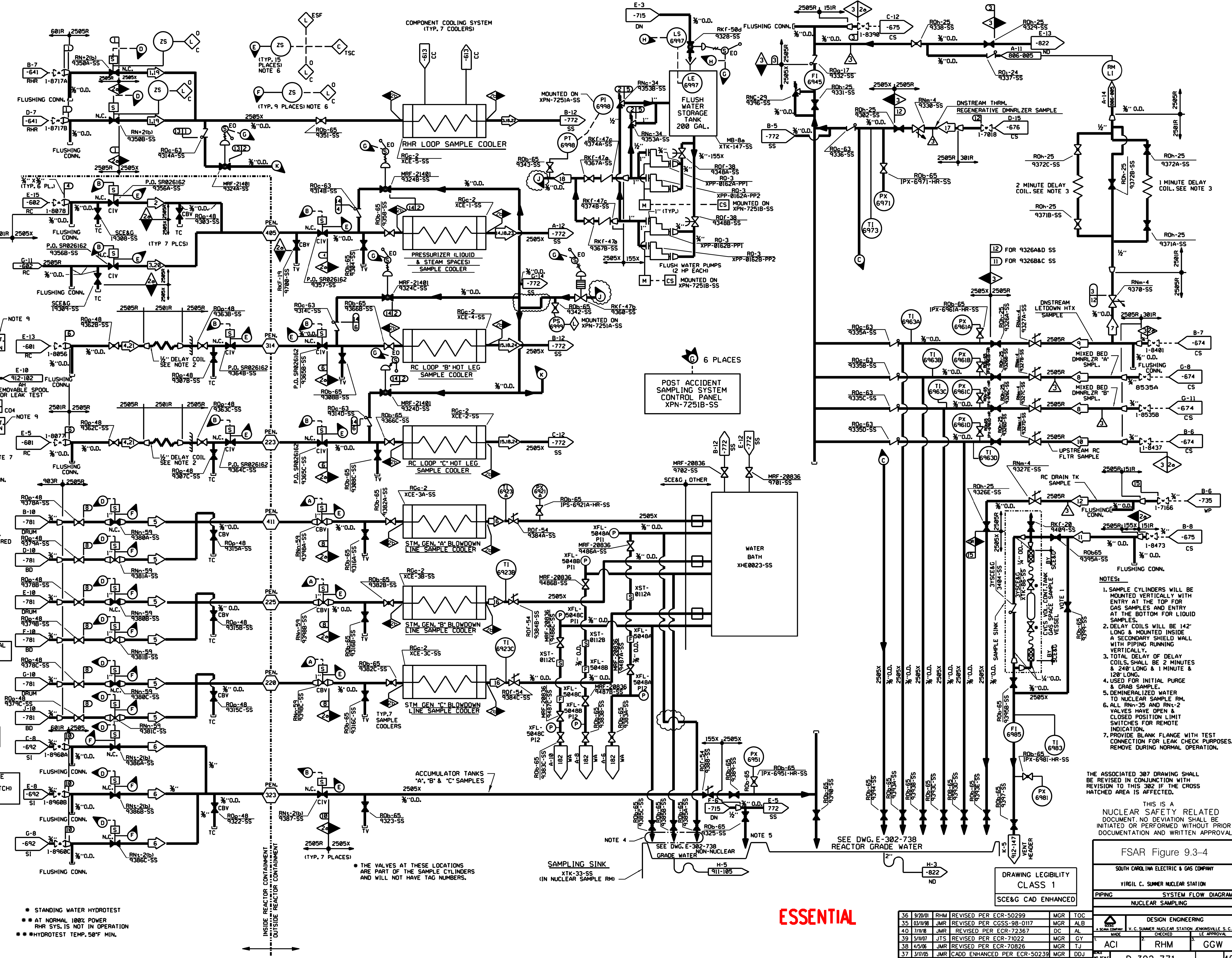


NOTES CONT.
 8. SYSTEMS AND COMPONENTS MARKED AS 'OR' HAVE BEEN DECLASSIFIED TO NNS AS COVERED BY THE QUALITY RELATED PLAN BY RADWASTE SYSTEMS, SEE COSZ-371-04.
 9. PHASE 'A' CONTAINMENT ISOLATION SIGNAL.



HYDRO TEST TEMP. OF 40°F MIN.

OPN	PSIG	°F	DTK	REMARKS
14	2235	120	115	PL
13	2235	120	115	PL
12	2235	120	115	PL
11	2235	120	115	PL
10	2235	120	115	PL
9	2235	120	115	PL
8	2235	120	115	PL
7	2235	120	115	PL
6	2235	120	115	PL
5	2235	120	115	PL
4	2235	120	115	PL
3	2235	120	115	PL
2	2235	120	115	PL
1	2235	120	115	PL



* STANDING WATER HYDROTEST
 ** AT NORMAL 100% POWER
 RHR SYS. IS NOT IN OPERATION
 *** HYDROTEST TEMP. 50°F MIN.

* THE VALVES AT THESE LOCATIONS ARE PART OF THE SAMPLE CYLINDERS AND WILL NOT HAVE TAG NUMBERS.

- NOTES:
- SAMPLE CYLINDERS WILL BE MOUNTED VERTICALLY WITH ENTRY AT THE TOP FOR GAS SAMPLES AND ENTRY AT THE BOTTOM FOR LIQUID SAMPLES.
 - DELAY COILS WILL BE 142" LONG & MOUNTED INSIDE A SECONDARY SHIELD WALL WITH PIPING RUNNING VERTICALLY.
 - TOTAL DELAY OF DELAY COILS SHALL BE 2 MINUTES & 240" LONG & 1 MINUTE & 120" LONG.
 - USED FOR INITIAL PURGE & GRAB SAMPLE.
 - DEMINERALIZED WATER TO NUCLEAR SAMPLE RM.
 - ALL RN-35 AND RN-2 VALVES HAVE OPEN CLOSED POSITION LIMIT SWITCHES FOR REMOTE INDICATION.
 - PROVIDE BLANK FLANGE WITH TEST CONNECTION FOR LEAK CHECK PURPOSES. REMOVE DURING NORMAL OPERATION.

THE ASSOCIATED 307 DRAWING SHALL BE REVISED IN CONJUNCTION WITH REVISION TO THIS 302 IF THE CROSS HATCHED AREA IS AFFECTED.

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

FSAR Figure 9.3-4

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMNER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

NUCLEAR SAMPLING

NO.	DATE	BY	REVISION	CHK. BY	APPROVAL
36	9/20/01	RHM	REVISED PER ECR-50299	MGR	TOC
35	03/11/98	JMR	REVISED PER CGSS-98-0117	MGR	ALB
40	7/11/98	JMR	REVISED PER ECR-72367	DC	AL
39	3/11/97	JTS	REVISED PER ECR-71022	MGR	GY
38	4/5/96	JMR	REVISED PER ECR-70826	MGR	TJ
37	3/11/95	JMR	CADD ENHANCED PER ECR-50239	MGR	DDJ

DESIGN ENGINEERING

V. C. SUMNER NUCLEAR STATION, JENNINGSVILLE, S.C.

ACI RHM GGW

D-302-771

NO. DATE BY REVISION

ESSENTIAL

DRAWING LEGIBILITY CLASS 1

SCE&G CAD ENHANCED

