

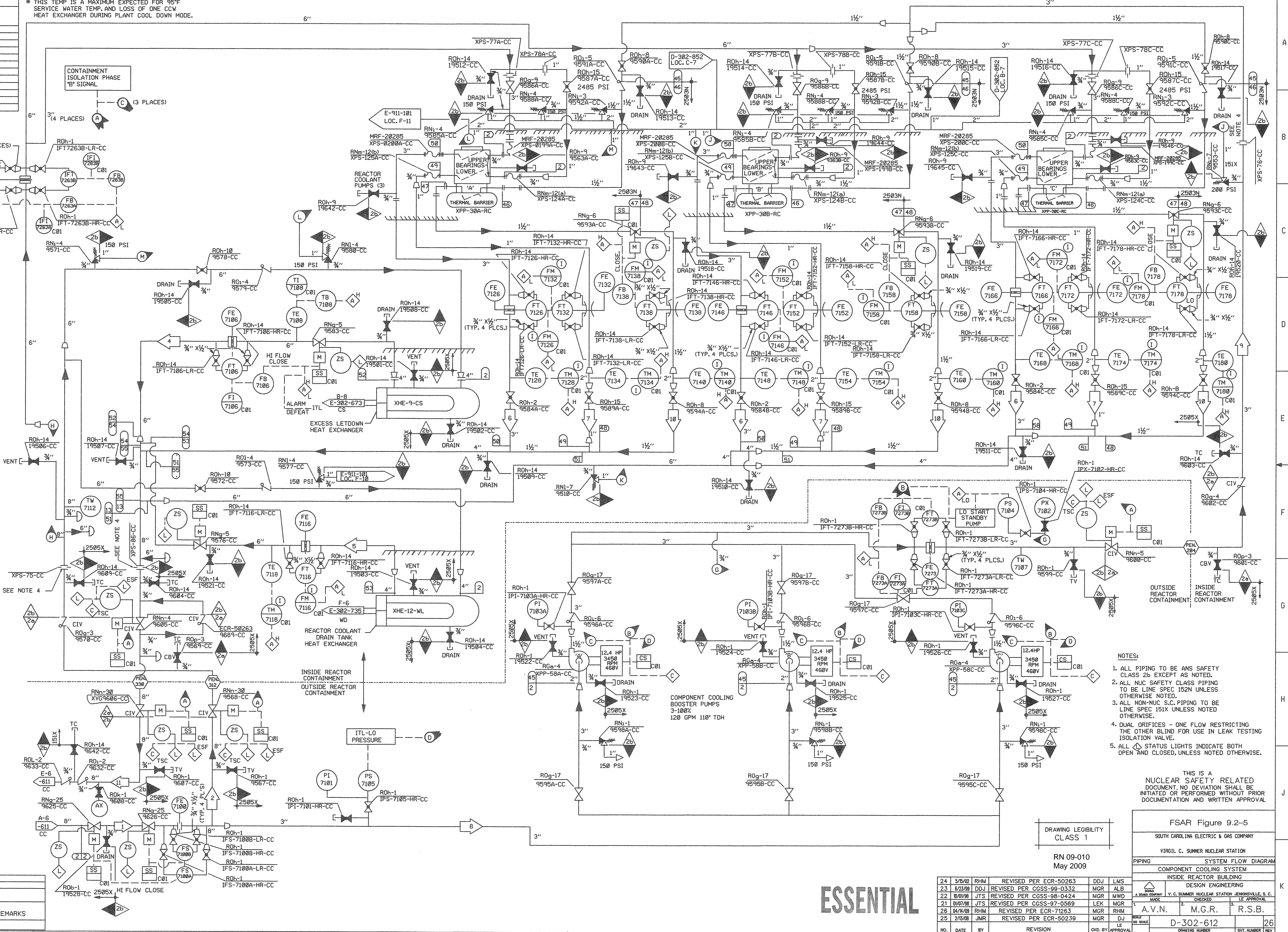
#	MAX GPM	PSIG	F	BY	REMARKS
1	1087	100	120	KRC	
2	967	100	120	KRC	
4	262	80	145	KRC	
5	240	80	125	KRC	START-UP ONLY
6	150	80	145	KRC	
7	5	80	145	KRC	
8	120	100	120	KRC	
9	120	130	120	KRC	
10	40	80	145	KRC	
11	1087	70	125	KRC	

\* THIS TEMP IS A MAXIMUM EXPECTED FOR 95°F SERVICE WATER TEMP. AND LOSS OF ONE CCW HEAT EXCHANGER DURING PLANT COOL DOWN MODE.

CC	19500	19613
CC	9500	9699
SYSTEM SUFFIX	FIRST NO.	LAST NO.
VALVE NUMBERING		

9691-9699 DWG. E-911-108

HYDRO TEMP - COLD WATER									
46-47	150	160	2405	650	2	HRI	3100	DTK	
48	150	160	200	180	2	HRI	250	DTK	
2.13	120	180	150	180	2	HRI	190	DTK	
PSIG	°F	PSIG	°F	DURA	HYDRO	BY	CHKD	REMARKS	
DESIGN DATA									



- NOTES:
1. ALL PIPING TO BE ANS SAFETY CLASS 2b EXCEPT AS NOTED.
  2. ALL NUC SAFETY CLASS PIPING TO BE LINE SPEC 152N UNLESS OTHERWISE NOTED.
  3. ALL NON-NUC S.C. PIPING TO BE LINE SPEC 151X UNLESS NOTED OTHERWISE.
  4. DUAL ORIFICES - ONE FLOW RESTRICTING THE OTHER BLIND FOR USE IN LEAK TESTING ISOLATION VALVE.
  5. ALL STATUS LIGHTS INDICATE BOTH OPEN AND CLOSED, UNLESS NOTED OTHERWISE.

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

DRAWING LEGIBILITY CLASS 1

RN 09-010  
May 2009

FSAR Figure 9.2-5				
SOUTH CAROLINA ELECTRIC & GAS COMPANY				
VIRGIL C. SUMNER NUCLEAR STATION				
PIPING SYSTEM FLOW DIAGRAM				
COMPONENT COOLING SYSTEM				
INSIDE REACTOR BUILDING				
DESIGN ENGINEERING				
A. V.N. M.G.R. R.S.B.				
D-302-612				
REV				

ESSENTIAL

NO.	DATE	BY	REVISION
24	5/6/02	RHM	REVISED PER ECR-50263
23	8/23/98	DDJ	REVISED PER CGSS-99-0332
22	10/07/98	JTS	REVISED PER CGSS-98-0424
21	04/07/98	JTS	REVISED PER CGSS-97-0569
20	04/07/98	RHM	REVISED PER ECR-71263
25	7/3/08	JMR	REVISED PER ECR-50239