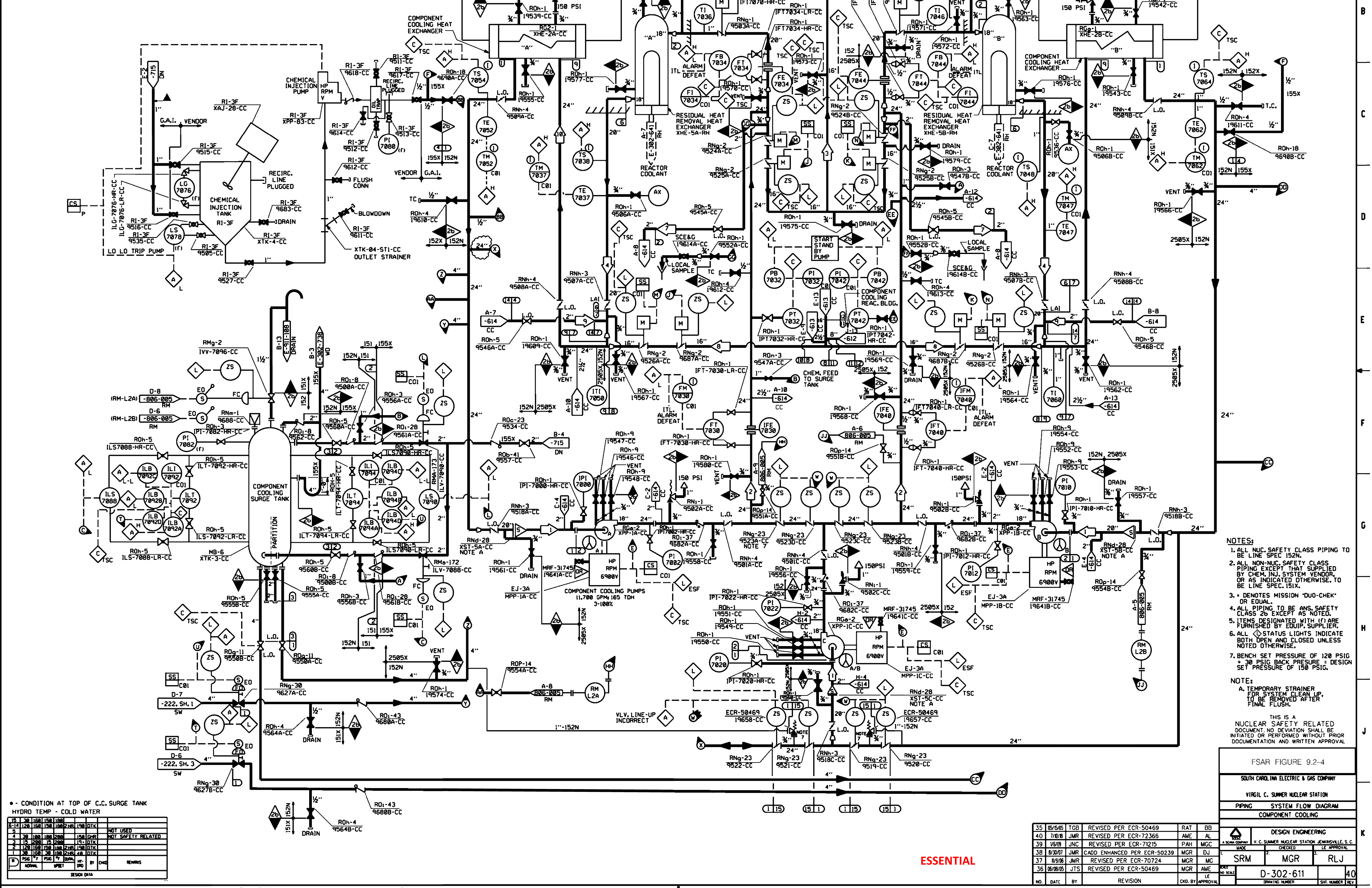


SYSTEM DATA					
IS	MAX. GPM	PSIG	°F	BY	REMARKS
1	11,915	38	120		MAX SUPPLY TEMP + 120 °F
2	11,860	105	120		
3	6,145	100	120		
4	5,600	78	195		DURING SINGLE LOOP PLANT SHUTDOWN, W/LO, WASTE AND REACTOR COOLANT SYSTEMS SECURED AND 95% SERVICE WATER
5	1,807	100	120		
6	4,950	100	120		
7	48	100	120		
8	6,145	78	135		
9	48	78	135		
10	11,860	78	145		



- NOTES:
- ALL NUC. SAFETY CLASS PIPING TO BE LINE SPEC. 152N.
 - ALL NON-NUC. SAFETY CLASS PIPING EXCEPT THAT SUPPLIED BY CHEM. INJ. SYSTEM VENDOR, OR AS INDICATED OTHERWISE, TO BE LINE SPEC. 151X.
 - DENOTES MISSION "DUO-CHEK" OR EQUAL.
 - ALL PIPING TO BE ANS. SAFETY CLASS 2B EXCEPT AS NOTED.
 - ITEMS DESIGNATED WITH (F) ARE FURNISHED BY EQUIP. SUPPLIER.
 - ALL STATUS LIGHTS INDICATE BOTH OPEN AND CLOSED UNLESS NOTED OTHERWISE.
 - BENCH SET PRESSURE OF 120 PSIG + 30 PSIG BACK PRESSURE = DESIGN SET PRESSURE OF 150 PSIG.
- NOTE:
- A. TEMPORARY STRAINER FOR SYSTEM CLEAN UP. TO BE REMOVED AFTER FINAL FLUSH.
- THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.

FSAR FIGURE 9.2-4	
SOUTH CAROLINA ELECTRIC & GAS COMPANY	
VIRGIL C. SUMMER NUCLEAR STATION	
PIPING SYSTEM FLOW DIAGRAM	
COMPONENT COOLING	
DESIGN ENGINEERING	
35 05/05	TGB REVISED PER ECR-50469
40 7/0/0	JMR REVISED PER ECR-72366
39 06/00	JNC REVISED PER ECR-71215
38 03/07	JMR CADD ENHANCED PER ECR-50239
37 09/00	JMR REVISED PER ECR-70724
36 06/00	JTS REVISED PER ECR-50469
NO. DATE BY	REVISION
35 05/05	TGB
40 7/0/0	JMR
39 06/00	JNC
38 03/07	JMR
37 09/00	JMR
36 06/00	JTS
35 05/05	TGB
34 05/05	TGB
33 05/05	TGB
32 05/05	TGB
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01 05/05	TGB
00 05/05	TGB

ESSENTIAL