

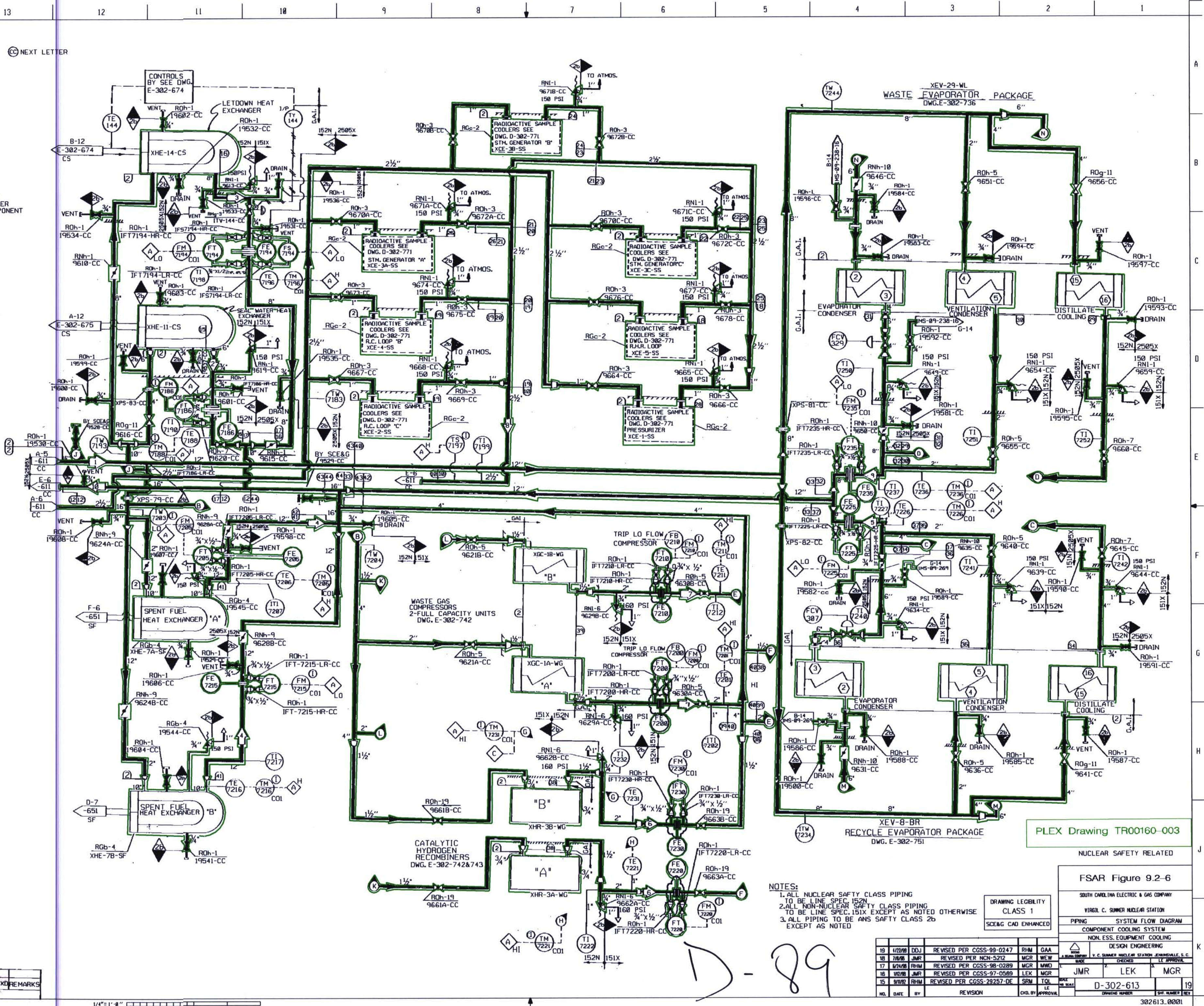
SYSTEM DATA				
NO.	MAX. GPM	PSIG	*F	BY
1	4960	100	120	A/C
2	250	85	135	A/C
3	1100	85	175	A/C
4	1800	95	130	A/C
5	780	90	145	A/C
6	10	100	135	A/C
7	50	100	125	A/C
8	98	90	150	A/C
9	780	90	145	A/C
10	4960	70	135	A/C

* THIS TEMPERATURE IS A MAXIMUM EXPECTED FOR 95°F SERVICE WATER TEMPERATURE & LOSS OF ONE COMPONENT COOLING WATER HEAT EXCHANGER DURING PLANT COOLDOWN MODE

SAFETY CLASS VERIFICATION		
ORIGINATED BY	REVIEWED BY	
CC	CC	

CC	19500	19613
CC	9500	9699
SYSTEM SUFFIX	FIRST NO.	LAST NO.
VALVE NUMERING		
9691-9699 DWG. E-911-108		

HYDRO TEMP-COLD WATER				
NO.	PSIG	*F	BY	REMARKS
1	120	150	180	2hr
2	150	180	2hr	190
3	180	2hr	190	2hr
4	2hr	190	2hr	190
5	190	2hr	190	2hr
6	190	2hr	190	2hr
7	190	2hr	190	2hr
8	190	2hr	190	2hr
9	190	2hr	190	2hr
10	190	2hr	190	2hr



- NOTES:
- 1. ALL NUCLEAR SAFETY CLASS PIPING TO BE LINE SPEC. 152N
 - 2. ALL NON-NUCLEAR SAFETY CLASS PIPING TO BE LINE SPEC. 151X EXCEPT AS NOTED OTHERWISE
 - 3. ALL PIPING TO BE ANS SAFETY CLASS 2b EXCEPT AS NOTED

DRAWING LEGIBILITY CLASS 1
SC&EG CAD ENHANCED

PLEX Drawing TR00160-003

NUCLEAR SAFETY RELATED

FSAR Figure 9.2-6

SOUTH CAROLINA ELECTRIC & GAS COMPANY	
VIRGIL C. SUMNER NUCLEAR STATION	
PIPING	SYSTEM FLOW DIAGRAM
COMPONENT COOLING SYSTEM	
NON-ESS EQUIPMENT COOLING	
DESIGN ENGINEERING	
DESIGNED BY	LEK
CHECKED BY	LEK
DATE	10/1/88
NO.	D-302-613
DATE	10/1/88
NO.	302613.0001