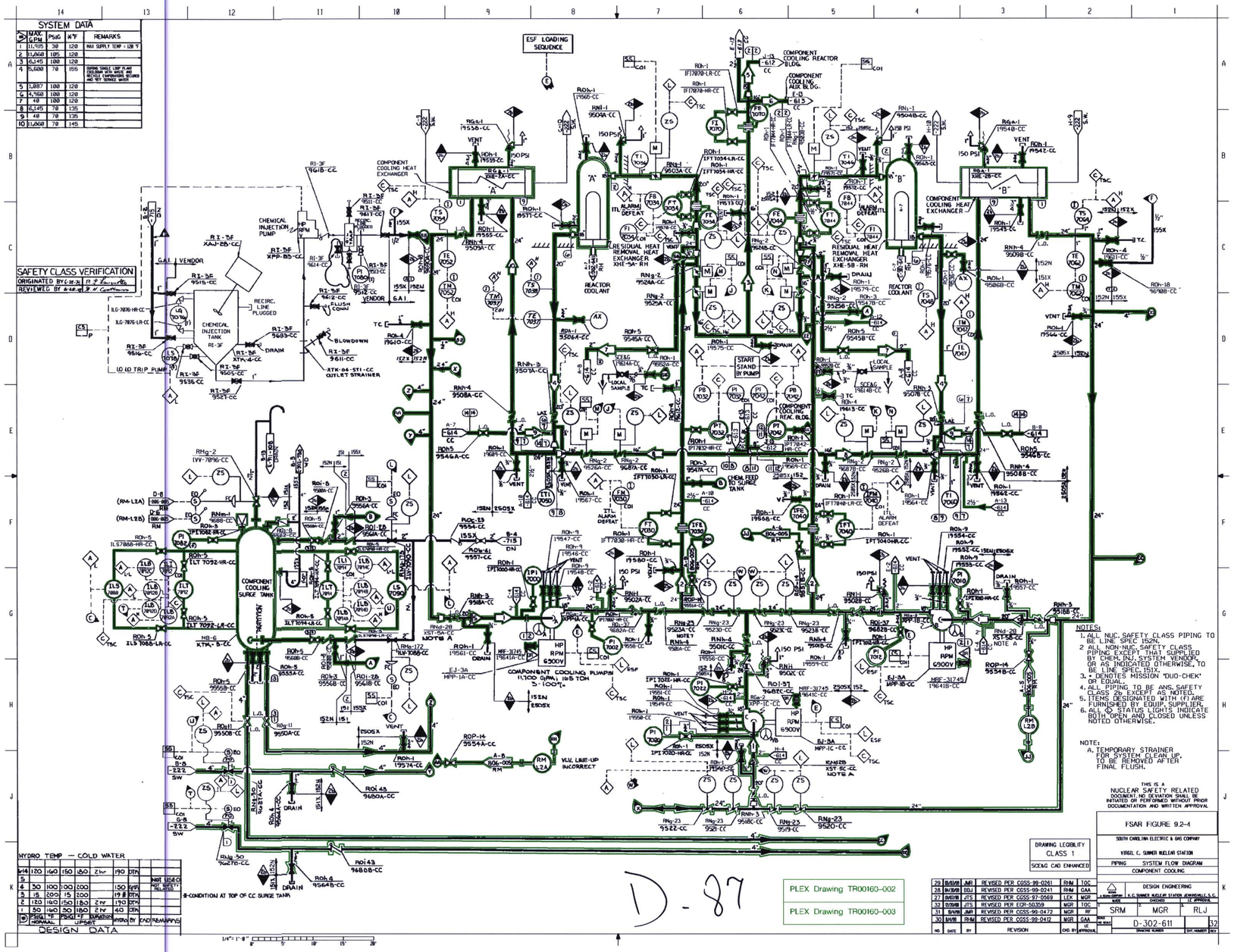

SYSTEM DATA

	MAX. GPM	PSIG	°F	REMARKS
1	11,915	30	120	MAX SUPPLY TEMP = 120 °F
2	11,060	105	120	
3	6,145	100	120	
4	5,600	70	155	DURING SINGLE LOOP PLANT COOLDOWN WITH WASTE AND RECYCLE EVAPORATORS, DECANTER AND NEW SERVICE WATER
5	1,087	100	120	
6	4,960	100	120	
7	40	100	120	
8	6,145	70	135	
9	40	70	135	
10	11,060	70	145	

SAFETY CLASS VERIFICATION

ORIGINATED BY: [illegible]
REVIEWED BY: [illegible]

HYDRO TEMP — COLD WATER

14	120	160	150	150	2hr	190	DTN		
5									NOT USED
4	30	100	100	200		150	HYP		NOT SAFETY RELATED
3	15	200	15	200		19	DTN		
2	120	160	150	150	2hr	170	DTN		
1	50	160	50	180	2hr	40	DTN		
⊗	PSIG NORMAL	°F NORMAL	PSIG UPSET	°F UPSET	DURATION	HYDRO	BY	CKD	REMARKS

DESIGN DATA

⊗ = CONDITION AT TOP OF CC SURGE TANK

1/4" = 1'-0"

D-87

PLEX Drawing TR00160-002

PLEX Drawing TR00160-003

NOTES:

1. ALL NUC. SAFETY CLASS PIPING TO BE LINE SPEC 152N.
2. ALL NON-NUC. SAFETY CLASS PIPING EXCEPT THAT SUPPLIED BY CHEM. INJ. SYSTEM VENDOR OR AS INDICATED OTHERWISE, TO BE LINE SPEC 151X.
3. ◆ DENOTES MISSION "DUO-CHEK" OR EQUAL.
4. ALL PIPING TO BE ANS. SAFETY CLASS 2b EXCEPT AS NOTED.
5. ITEMS DESIGNATED WITH (F) ARE FURNISHED BY EQUIP. SUPPLIER.
6. ALL ◇ STATUS LIGHTS INDICATE BOTH OPEN AND CLOSED UNLESS NOTED OTHERWISE.

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.

DRAWING LEGIBILITY CLASS 1

SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CKD. BY	APPROVAL
29	06/03/99	JMR	REVISED PER COSS-99-0261	RHM	TOC
28	04/30/99	RDJ	REVISED PER COSS-99-0241	RHM	GAA
27	04/01/99	JTS	REVISED PER COSS-97-0569	LEX	MGR
32	07/09/98	JTS	REVISED PER ECR-50359	MGR	TOC
31	04/14/98	JMR	REVISED PER COSS-98-0472	MGR	RF
30	04/08	RHM	REVISED PER COSS-99-0412	MGR	GAA

FSAR FIGURE 9.2-4

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

COMPONENT COOLING

DESIGN ENGINEERING

A SCANA COMPANY

V.C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.

DRAWN	CHECKED	LE APPROVAL
SRM	MGR	RLJ

SIZE	DRAWING NUMBER	SHT.	REV.
E	D-302-611		32