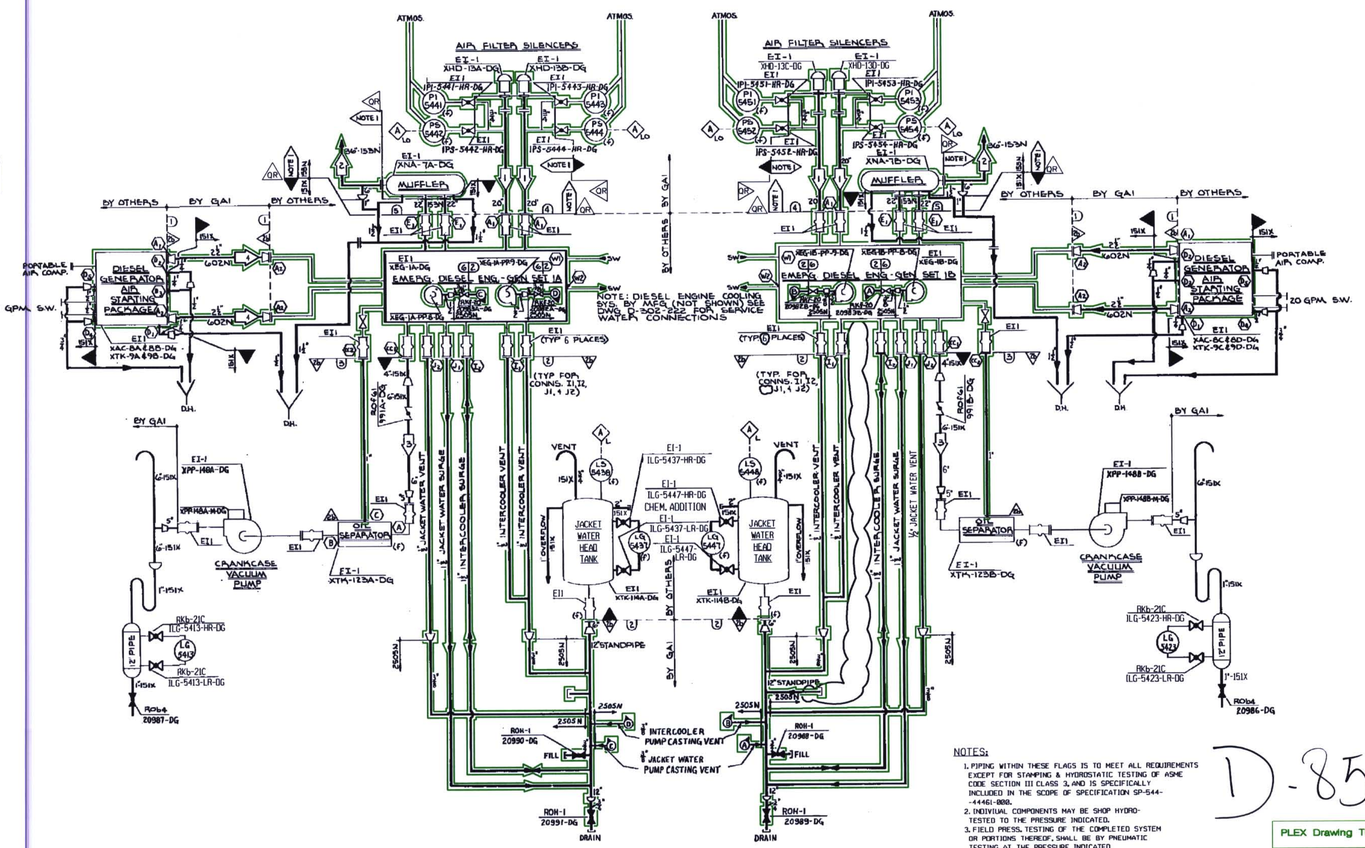
SYSTEM DATA

#	Hb/HR	PSIG	°F	BY	REMARKS
1	35,525	0	70	EJA	IN PLATED LOAD
2	11,483	<1	850	EJA	"
3	200,500	0	180	EJA	"
4		415	88	RSB	

SAFETY CLASS VERIFICATION

ORIGINATED BY [signature] 2-28-77
REVIEWED BY [signature] 3-3-77



NOTES:

1. PIPING WITHIN THESE FLAGS IS TO MEET ALL REQUIREMENTS EXCEPT FOR STAMPING & HYDROSTATIC TESTING OF ASME CODE SECTION III CLASS 3, AND IS SPECIFICALLY INCLUDED IN THE SCOPE OF SPECIFICATION SP-544--4446I-000.
2. INDIVIDUAL COMPONENTS MAY BE SHOP HYDRO-TESTED TO THE PRESSURE INDICATED.
3. FIELD PRESS. TESTING OF THE COMPLETED SYSTEM OR PORTIONS THEREOF, SHALL BE BY PNEUMATIC TESTING AT THE PRESSURE INDICATED.
4. ITEMS DESIGNATED WITH (F) ARE FURNISHED BY THE DIESEL GENERATOR SUPPLIER.
5. ALL PIPING TO BE ANS SAFETY CLASS 2b EXCEPT AS NOTED.
6. LINE SPEC TO BE 152N UNLESS NOTED OTHERWISE.
7. HYDROTEST NOT REQ'D. AS PER CODE CASE N-248.

D-85

PLEX Drawing TR00160-005

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

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
PIPING SYSTEM FLOW DIAGRAM
DIESEL GENERATOR
MISCELLANEOUS SERVICES
DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.

NO.	DATE	BY	REVISION	CHD. BY	APPROVAL
11	9/6/88	TGB	REVISED PER ECR-50032	RHM	MAB
10	8/17/88	TGB	REVISED PER ECR-50032	RHM	MAB
9	12/8/94	DOJ	REVISED PER MRF-22519	MGR	RSB
8	12/19/93	SRM	REVISED PER CCSS-93-0747	DVW	WDS
7	8/29/91	RHM	REVISED PER MRF-21398	MGR	JEW

MADE	CHECKED	LE APPROVAL
RHM	MGR	JEW

SCALE NONE | DRAWING NUMBER D-302-353 | SHT. NUMBER 11 | REV

DESIGN DATA

#	DESIGN PRESSURE NORMAL	DESIGN PRESSURE UPSET	DESIGN PRESSURE PSIG	DESIGN PRESSURE PSIG	DESIGN PRESSURE PSIG	BY	CHD	REMARKS
6	60	175	100	200		125	RJS	
5	5	850	5	850		–	RJS	NOTE 6
4	0	70	0	100		–	RJS	NOTE 6
3	0	160	0	175		50000	RJS	LUBE OIL
2	10	175	10	200		1000	RJS	
1	450	130	450	130	510	640	EJA	SENSE AIR