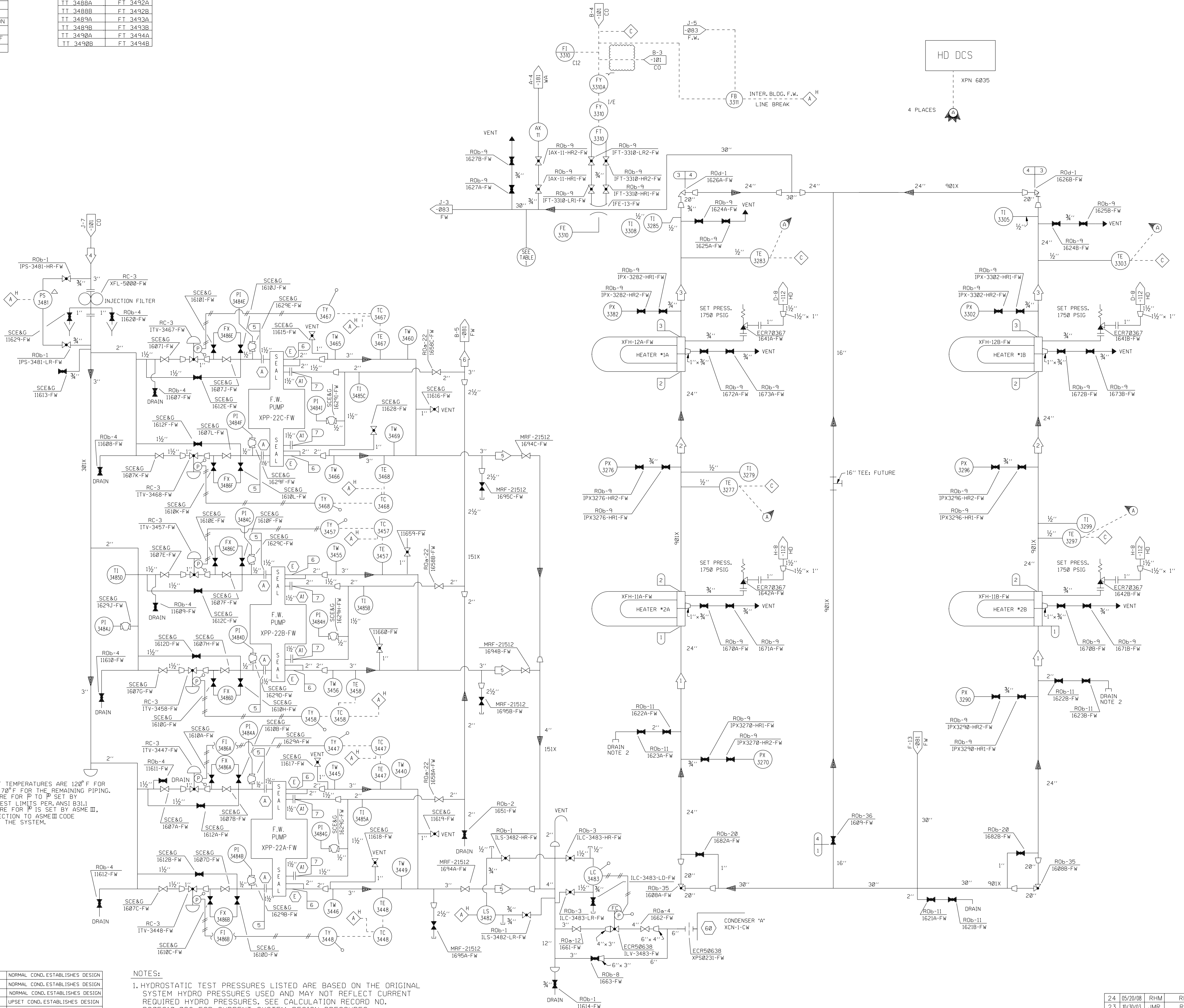


SYSTEM DATA				
FLOW	PSIG	°F	REMARKS	
1	6.42PM10%	1216	335	100% LOAD
2	6.42PM10%	1190	376	100% LOAD
3	6.42PM10%	1164	441	100% LOAD
4	126 GPM	205	115	SEAL INJECTION
5	42 GPM	ATMOS	135	SEAL LEAKOFF
6	114 GPM	115	350	HOT BLEED-OFF

TABLE 1	
TT 3487A	FT 3491A
TT 3487B	FT 3491B
TT 3488A	FT 3492A
TT 3488B	FT 3492B
TT 3489A	FT 3493A
TT 3489B	FT 3493B
TT 3490A	FT 3494A
TT 3490B	FT 3494B

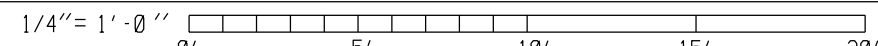


NOTE: MINIMUM HYDRO TEST TEMPERATURES ARE 120°F FOR THE 30" PIPING AND 70°F FOR THE REMAINING PIPING. HYDRO TEST PRESSURE FOR P TO P SET BY F.W. HEATER HYDRO TEST LIMITS PER ANSI B31.1 HYDRO TEST PRESSURE FOR P IS SET BY ASME III, BY VIRTUE OF CONNECTION TO ASME III CODE CLASSIFIED PORTION OF THE SYSTEM.

NOTES:  
 1. HYDROSTATIC TEST PRESSURES LISTED ARE BASED ON THE ORIGINAL SYSTEM HYDRO PRESSURES USED AND MAY NOT REFLECT CURRENT REQUIRED HYDRO PRESSURES. SEE CALCULATION RECORD NO. DC05210-028 FOR CURRENT SYSTEM DESIGN PRESSURES.  
 2. HOSE CONNECTION AVAILABLE TO SATISFY OPERATING LICENSE CONDITION 2.C.(34).

NO.	DATE	BY	REVISION	REVISION	CHK. BY	APPROVAL		
7	121	347	140	347	< 1%	180	HNG	NORMAL COND. ESTABLISHES DESIGN
6	10	135	10	135	< 1%	15	HNG	NORMAL COND. ESTABLISHES DESIGN
5	376	115	400	100	< 1%	565	HNG	NORMAL COND. ESTABLISHES DESIGN
4	1300	449	1720	449	< 1%	2150	HNG	UPSET COND. ESTABLISHES DESIGN
3	1300	449	1720	449	< 1%	2600	HNG	UPSET COND. ESTABLISHES DESIGN
2	1300	392	1720	392	< 1%	2600	HNG	UPSET COND. ESTABLISHES DESIGN
1	1300	347	1720	347	< 1%	2600	HNG	UPSET COND. ESTABLISHES DESIGN

DESIGN DATA \*SEE NOTE 1



**ESSENTIAL**

DRAWING LEGIBILITY CLASS 1		
SCE&G CAD ENHANCED		
FSAR FIGURE 10.4-11		
SOUTH CAROLINA ELECTRIC & GAS COMPANY		
VIRGL C. SUMNER NUCLEAR STATION		
PIPING SYSTEM FLOW DIAGRAM		
FEEDWATER (NON-FLOWDIAR)		
DESIGN ENGINEERING		
MADE	CHECKED	LE APPROVAL
1. RHM	2. MGR	3. WHM
D-302-082		26
NO.	DATE	BY
24	05/20/08	RHM
23	10/30/03	JMR
22	06/16/03	JTS
21	09/12/01	RHM
20	09/30/2008	CMS
19	11/01/09	DDJ