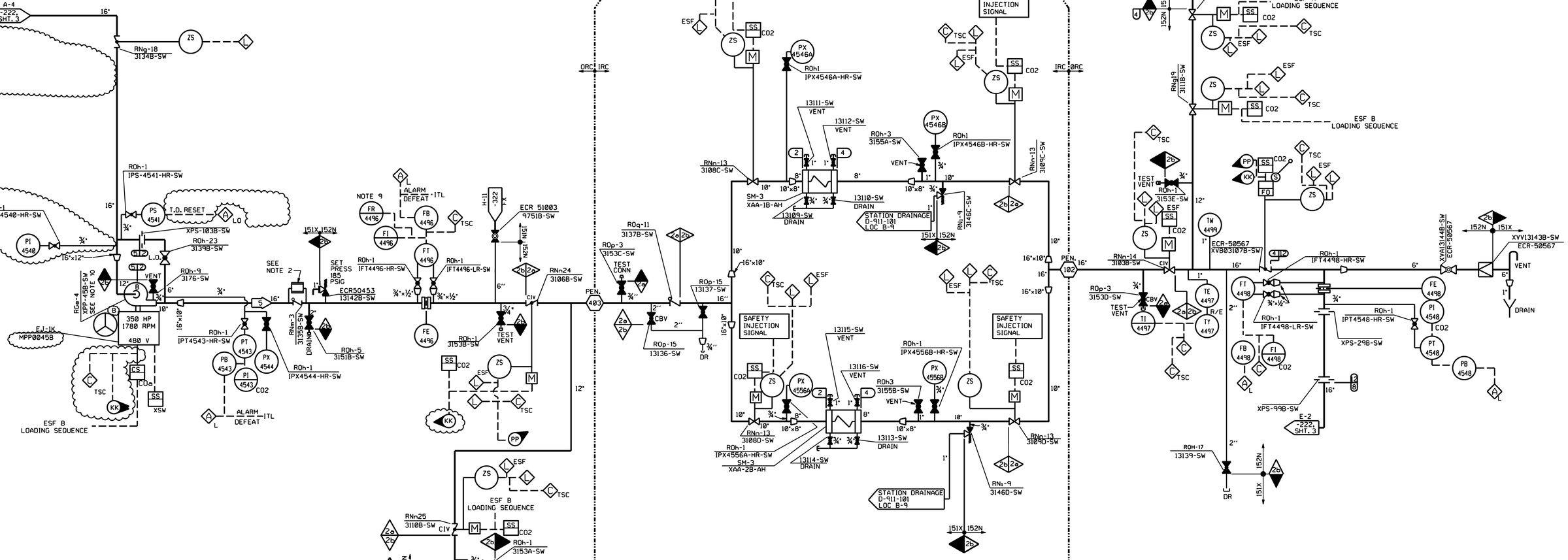
SYSTEM DATA

⑭	GPM	PSIG*	°F	BY	REMARKS
5	2300 to 2400	157	95		POST ACCID TYPICAL FLOW
	2000	150	95		POST ACCID TECH SPEC MINIMUM FLOW

*APPROX.



DESIGN DATA

HYDROSTATIC TEST TEMP. 60°

12	120	95	188	214	<1%	235	CCS		
8	16	95	20	214	<1%	25	CCS		
5	65	95	65	95		82	CCS		NOTE 3
4	120	95	188	214	<1%	235	CCS		NOTE 3
2	160	95	185	95	<1%	235	CCS		
	PSIG	F	PSIG	F	DURATION	HYDRO	BY	CHD	REMARK
D	NORMAL		UPSET						

1/4"= 1'-0" (0' 5' 10' 15' 20')

NOTES:
1. ALL PIPING TO BE LINE SPEC 152N. EXCEPT AS NOTED.
2. CHECK VALVE W/CONTROLLABLE DASH POTS.
3. TEMP CORRESPONDING TO PERTINENT HEAT EXCHANGER OUTLET.
5. ALL STATUS LIGHT INDICATE BOTH OPEN AND CLOSED POSITIONS.
9. RECORDER SHARED WITH REACTOR BLDG SPRAY PUMP FLOW INSTRUMENTATION.
10. XPP-45B-SW DOES NOT AUTO START ON ESFLS STEP 7 POST LOOP IF ALIGNED TO SW AND XVB-31078-SW DOES NOT CLOSE WITHIN 10 ± 1 SECONDS AFTER LOSS OF POWER.

THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
4	7/11/18	JMR	REVISED PER ECR-71580 & 72367	DC	AL
3	12/08/15	KO	REVISED PER ECR-51003	MGR	PMT
2	11/5/2015	RHM	REVISED PER ECR-50567S/T	RHM	SNM
1	11/3/2015	JTS	REVISED PER ECR-51003	MGR	PMT
0	1/6/09	JNC	REVISED PER ECR-71215	PAH	MGC

FSAR FIGURE 9.2-2 SH.4

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING — SYSTEM FLOW DIAGRAM

SERVICE WATER COOLING

B - TRAIN COOLING TO RBCU LOOP

SCANA — DESIGN ENGINEERING — V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

MADE	CHECKED	LE APPROVAL
1. JNC	2. PAH	3. MGC

SCALE: NO SCALE — D-302-222 — SHT. 4 — REV. 4