#	GPM	PSIG*	°F	BY	REMARKS
1	35	50	85	JJW	NORMAL
5	2300 to 2400	157	95		POST ACCID TYPICAL FLOW
	2000	150	95		POST ACCID TECH SPEC MINIMUM FLOW

SYSTEM DATA

*APPROX.

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.
7. ** INDICATES SWITCHES, ALARMS AND INDICATING LIGHTS ARE LOCATED ON THE HVAC CONTROL BOARD (XCP-6210-AH) IN THE MAIN CONTROL ROOM.
9. RECORDER SHARED WITH REACTOR BLDG SPRAY PUMP FLOW INSTRUMENTATION.
10. XPP-45A-SW DOES NOT AUTO START ON ESFLS STEP 7 POST LOOP IF ALIGNED TO SW AND XVB-3107A-SW DID NOT CLOSE IN 10 (±) 1 SECONDS AFTER LOSS OF POWER.

HYDROSTATIC TEST TEMP. 60°

#	NORMAL PSIG	NORMAL F	UPSET PSIG	UPSET F	DURATION	HYDRO	BY	CHD	REMARK
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		

DESIGN DATA

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

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

ESSENTIAL

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
4	7/10/18	JMR	REVISED PER ECR-71580	DC	AL
3	12/08/15	KO	REVISED PER ECR-51003	MGR	PMT
2	11/11/15	RHM	REVISED PER ECR-50567S/T	MGR	SNM
1	10/28/15	RHM	REVISED PER ECR-51003	MGR	AF
0	1/6/09	JNC	REVISED PER ECR-71215	PAH	MGC

FSAR FIGURE 9.2–2 SH. 2

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

SERVICE WATER COOLING

A - TRAIN COOLING TO RBCU LOOP

DESIGN ENGINEERING

SCE&G A SCANA COMPANY — V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

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

SCALE: NO SCALE — DRAWING NUMBER: D-302-222 — SHT. NUMBER: 2 — REV: 4