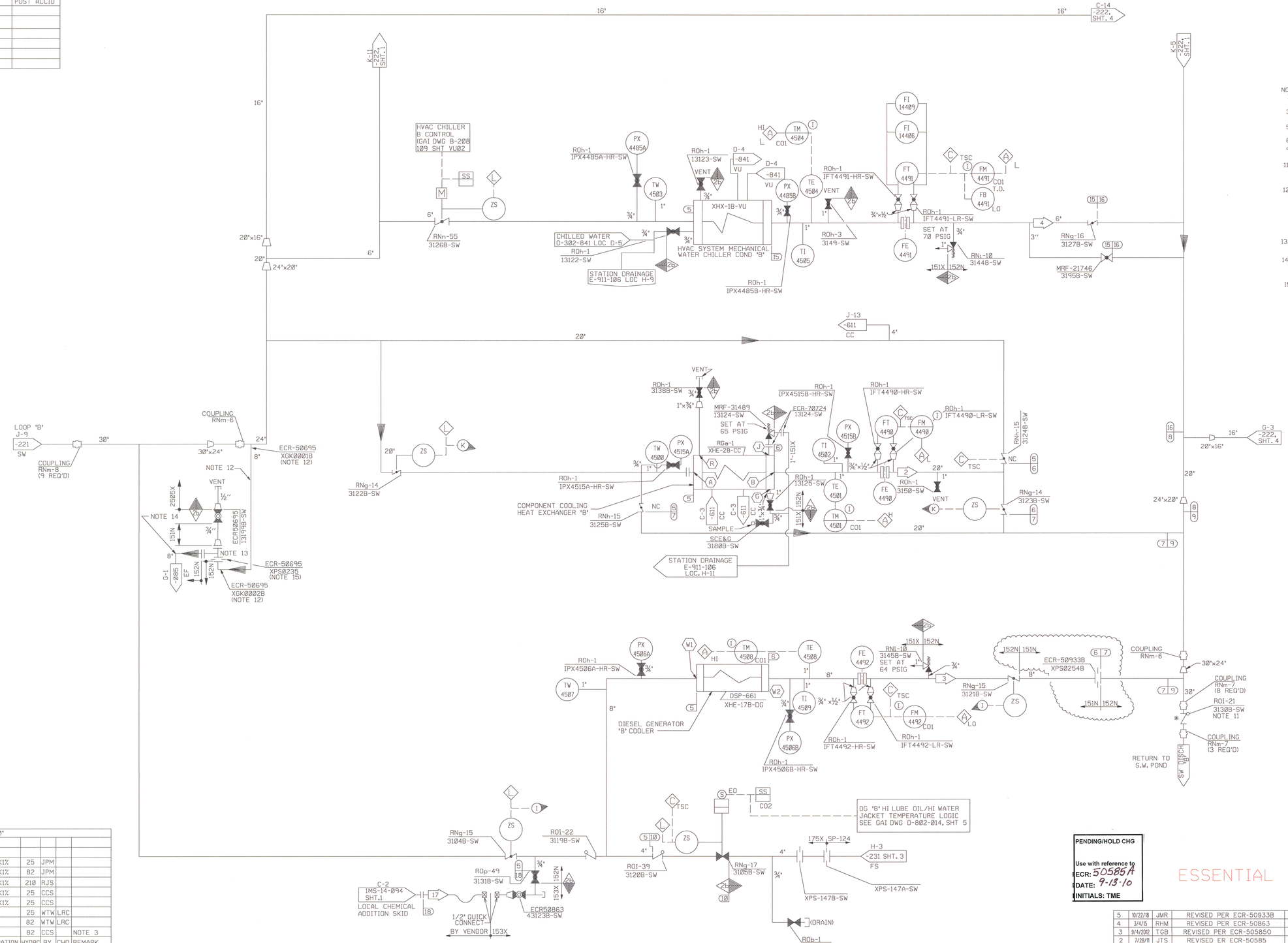
SYSTEM DATA

#	GPM	PSIG*	°F	BY	REMARKS
2	9000	50	95		NORMAL
	7700	50	130		POST ACCID
3	1000	50	95		NORMAL
	820	50	116		POST ACCID
4	1000 to 600	45	124		NORMAL
	500	45	130		POST ACCID
17	0.032	50	100		

*APPROX.



NOTES:

1. ALL PIPING TO BE LINE SPEC 152N. EXCEPT AS NOTED.
3. TEMP CORRESPONDING TO PERTINENT HEAT EXCHANGER OUTLET.
5. ALL STATUS LIGHT INDICATE BOTH OPEN AND CLOSED POSITIONS.
6. * DENOTES MISSION DUO CHECK OR EQUAL.
9. RECORDER SHARED WITH REACTOR BLDG SPRAY PUMP FLOW INSTRUMENTATION.
11. XVC03130 A/B MAY NOT PROVIDE ADEQUATE ISOLATION FOR USE AS A BOUNDARY DURING SYSTEM DRAINING. REFERENCE NCN5063 DISP. #4.
12. 8" SW-TO-EF X-CONNECT PIPING FROM 24" HEADER TO INLET FLANGE OF TEE IS LINED WITH CURED-IN-PLACE PIPING TO ELIMINATE CORROSION AND MIC BUILD-UP. (SEE TR04330-005 & ECR50695)
    WEKO SEALS INSTALLED INTERNALLY TO PIPING TO SEAL ENDS OF CURED-IN-PLACE PIPELINER.
13. B16.5 150# TEE, 316 SST TO RESIST CORROSION AND MIC.
14. 8" SW-TO-EF X-CONNECT PIPING FROM OUTLET FLANGE OF TEE TO INLET OF XVC03037B-EF IS COATED WITH PLASTOCOR TO ELIMINATE CORROSION AND MIC BUILD-UP.
15. XPS-0235 IS A 3/8" SST SPACER RING INSTALLED BY ECR-50695

DESIGN DATA

HYDROSTATIC TEST TEMP. 60°

#	NORMAL PSIG	NORMAL F	UPSET PSIG	UPSET F	DURATION	HYDRO	BY	CHD	REMARK
18	50	100	N/A	N/A					
16	16	130	20	135	<1%	25	JPM		
15	65	130	65	135	<1%	82	JPM		
10	125	95	165	95	<1%	210	RJS		
9	16	150	20	150	<1%	25	CCS		
8	16	95	20	214	<1%	25	CCS		
7	16	124	20	130		25	WTW	LRC	
6	65	124	65	130		82	WTW	LRC	
5	65	95	65	95		82	CCS		NOTE 3

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

PENDING/HOLD CHG
Use with reference to
ECR: 50585A
DATE: 9-13-10
INITIALS: TME

ESSENTIAL

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
5	10/22/18	JMR	REVISED PER ECR-50933B	AME	WTW
4	3/4/15	RHM	REVISED PER ECR-50863	MGR	SP
3	9/4/2012	TGB	REVISED PER ECR-50585O	MGR	RS
2	7/28/11	JTS	REVISED ER ECR-50585	MGR	RS
1	4/30/11	RHM	REVISED PER ECR-50695	MGR	WTW
0	9/6/09	JNC	REVISED PER ECR-71215	PAH	MGC

RN 18-045
January 2019

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

FSAR FIGURE 9.2-2 SH.3

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION

PIPING — SYSTEM FLOW DIAGRAM
SERVICE WATER COOLING
B - TRAIN OUTSIDE RB

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

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

SCALE: NO SCALE — LE

D-302-222 — DRAWING NUMBER — SHT. NUMBER 3 — REV 5