

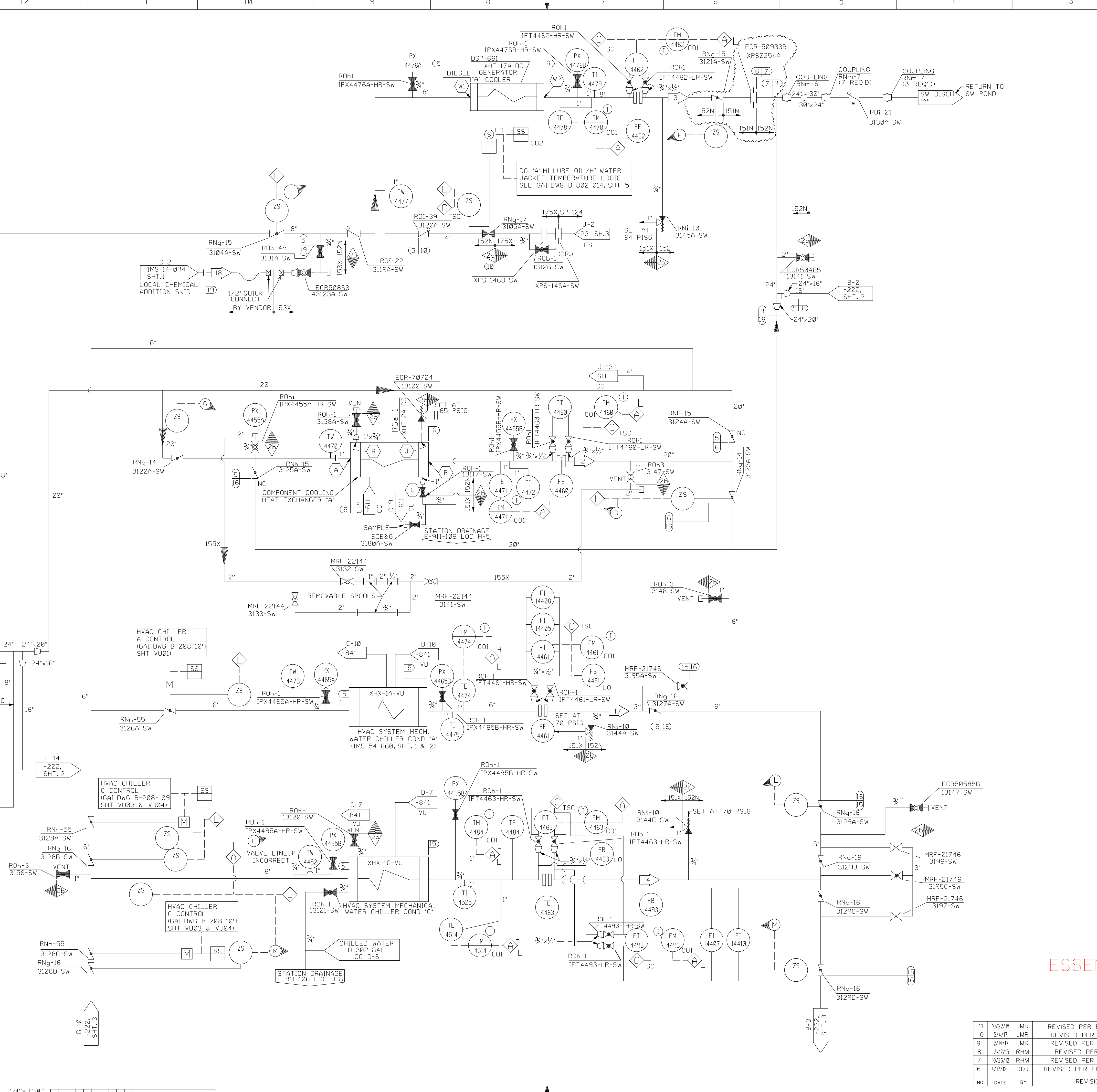
OP	QPM	PSIG*	F	BY	REMARKS
2	9000	50	95		NORMAL
3	7700	50	130		POST ACCID
4	1000	50	95		NORMAL
5	620	50	116		POST ACCID
6	1000 to 600	45	124		NORMAL
7	500	45	130		POST ACCID
17	0 to 400	45	124		NORMAL
18	0.032	50	100		POST ACCID

\*APPROX.

NO.	DATE	BY	REVISION	CKD. BY	APPROVAL
19	50	100	N/A	N/A	
16	16	130	20	135	<1%
15	65	130	65	135	<1%
10	125	95	165	95	<1%
9	16	150	20	150	<1%
8	16	95	20	214	<1%
7	16	124	20	130	
6	65	124	65	130	
5	65	95	65	95	

PSIG	F	PSIG	F	DURATION	HYDR	BY	CHKD	REMARK
NORMAL		UPSET						

DESIGN DATA



- NOTES:**
1. ALL PIPING TO BE LINE SPEC 152N. EXCEPT AS NOTED.
  2. TEMP CORRESPONDING TO PERTINENT HEAT EXCHANGER OUTLET.
  3. ALL STATUS LIGHT INDICATE BOTH OPEN AND CLOSED POSITIONS.
  4. • DENOTES MISSION DUO CHECK OR EQUAL.
  5. XVC03130 A/B MAY NOT PROVIDE ADEQUATE ISOLATION FOR USE AS A BOUNDARY DURING SYSTEM DRAINING. REFERENCE NCN5063 DISP. #4
  6. B16.5 150 # TEE. 316 SST TO RESIST CORROSION AND MIC.
  7. 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.
  8. 8" SW-TO-EF X-CONNECT PIPING FROM OUTLET FLANGE OF TEE TO INLET OF XVG01037A-EF IS COATED WITH PLASTOCOR TO ELIMINATE CORROSION AND MIC BUILD-UP.

ESSENTIAL

**FSAR FIGURE 9.2-2 SH. 1**

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

SERVICE WATER COOLING

A - TRAIN OUTSIDE RB

DESIGN ENGINEERING

MADE BY V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

CHECKED BY PAH

APPROVAL BY MGC

D-302-222

1 11

NO. DATE BY REVISION

CD. BY APPROVAL

NO.	DATE	BY	REVISION	CMD. BY	APPROVAL
11	10/22/8	JMR	REVISED PER ECR-50933B	AME	BJS
10	5/4/17	JMR	REVISED PER ECR-50695C	RHM	WTW
9	2/11/17	JMR	REVISED PER ECR-50585U	RHM	RS
8	3/12/15	RHM	REVISED PER ECR-50863	MGR	SP
7	10/26/12	RHM	REVISED PER ECR-50695C	RHM	WTW
6	4/17/12	DDJ	REVISED PER ECR50585A	MGR	RS

REN 18-045 January 2019