



DESIGN CONDITIONS  
DSP-544R-04441-000

OPERATING CONDITIONS  
DSP-544R-04441-000

PIPING CODE 4461-RC01 TELETYPE

PIPE MATERIAL	LINE SPEC	LINE SIZE	REF. TEMP. °F	LINE EXP. IN 100 FT.	MOD. OF ELAS. P.C. 30	EC
SA-370 GR. 304	2501	3"	N/A			
SA-370 GR. 304	2501	3"	N/A			
A-370 GR. TP 304	2501A	6"	N/A			
A-370 GR. 304	2501X	3"	N/A			
A-370 GR. 304	2501F	6"	N/A			

PIPE SIZE	WALL THK.	WEIGHT LB./LINEAR FT.	PIPE CONTENT	INSULATION
NOM. O.D.				
3"	0.1875	15.35	9.16	11.0
3"	0.500	148	2.35	3.800
6"	0.250	18.47	12.51	16.39
6"	0.432	28.97	11.29	16.39

FIELD CHANGES

FCR-B-5448 REV. 1	FCR-B-5533 REV. 0
FCR-B-5521 REV. 1	FCR-B-5527 REV. 1
NN-SRCP 1-P-600	
NN-SRCP 1-P-0230	
NN-SRCP 1-P-307 REV. 0	
NN-SRCP 1-P-174 REV. 1	
NN-SRCP 1-P-173	
FCR-B-7336 REV. 0	
FCR-B-8345 REV. 4	
FCR-B-9053 REV. 0	
FCR-B-1154 REV. 0	
FCR-B-7339 REV. 0	
FCR-B-9556 REV. 0	

SYMBOLS

- RIGID HANGER Y=0
- VARIABLE SPRING HGR.
- CONSTANT LOAD HGR.
- GUIDE
- MECHANICAL RESTRAINT
- RIGID RESTRAINT
- ANCHOR
- CENTER OF GRAVITY
- U-BOLT

NOTES:

- DIMENSIONS - (A.) METERS AND DECIMALS OF METERS PRINTED (B.) FEET AND DECIMALS OF A FOOT COPY NO. (C.) ALL DECIMALS SHALL BE CARRIED TO 3 PLACES
- ALL VALVES & EQUIPMENT ARE ASSUMED INFLEXIBLE.

REFERENCE DWG.

TITLE	NUMBER	REV.
AS-BUILT ISOMETRIC	SE-KC-01	5H
AS-BUILT ISOMETRIC	SE-KC-02	3D
AS-BUILT ISOMETRIC	SE-KC-10	2F
REACTOR COOLANT	E-323 205	10
FLOW DIAGRAM - R.C. SYSTEM	ISACOTE SHEET 2	9

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMNER NUCLEAR STATION UNIT #1

PIPING ANALYSIS DIAGRAM  
REACTOR COOLANT - PRESSURIZER MOTORIZED RELIEFS  
TO 12" HEADEN

GILBERT ASSOCIATES, INC.  
ENGINEERS AND CONSULTANTS

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PDR RIDS

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