



DESIGN CONDITIONS				
SEE DSP 544H 044461-000				
OPERATING CONDITIONS				
SEE DSP 544H 044461-000				
PIPING CODE: 4461 SW-11				
PIPE MATERIAL	LINE SPEC	LINE SIZE	REF. TEMP. °F	MOD. OF FLG. PER ENR
SA 106 GR. B	152	8	-	N/A
SA 106 GR. B	152	10	-	N/A
SA 106 GR. B	152	16	-	N/A

PIPE SIZE		WEIGHT LB./LINEAR FT.	
NOM. O.D.	WALL THK.	PIPE	INSULATION
8	.322	28.6	21.7
10	.345	40.5	34.2
16	.375	62.6	79.1

FIELD CHANGES		
F CR-B-5901	R/O	
F CR-B-5025	R/O	
F CR-B-11298	R/O	
F CR-B-9073	R/O	
F CR-B-8875	R/I3	
DN-6470		

SYMBOLS		
● RIGID HANGER Y=0	○ CENTER OF GRAVITY	
⊗ VARIABLE (SPRING) HGR.	□ DE-STEIN FLAG	
⊙ CONSTANT LOAD HGR.	⊕ U-BOLT	
≡ GUIDE	⊛ SLEEVE	
⊘ MECHANICAL RESTRAINT	⊠ MULTIPLE RESTRAINT	
⊖ RIGID RESTRAINT	⊡ ANCHOR	

REFERENCE DWG			
TITLE	NUMBER	REV	
AS-BUILT ISOMETRIC	SE-SW-25	24	
AS-BUILT ISOMETRIC	SE-SW-28	04	
SERVICE WATER COOLING	E-304-257	1	
SERVICE WATER COOLING	D-302-222	17	

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMNER NUCLEAR STATION UNIT #1

PIPING ANALYSIS DIAGRAM			
SERVICE WATER - FROM REACTOR BUILDING COOLING UNITS "1B" & "2B" TO PEN. #102			
DRAWING PA.		ENGINEERING APPROVALS	
DRW	CHKD	APPROVED	DATE
PROJECT NO. 04: 4461 C-314-251 SHEET NO. 18 3			

INFORMATION ONLY

D2