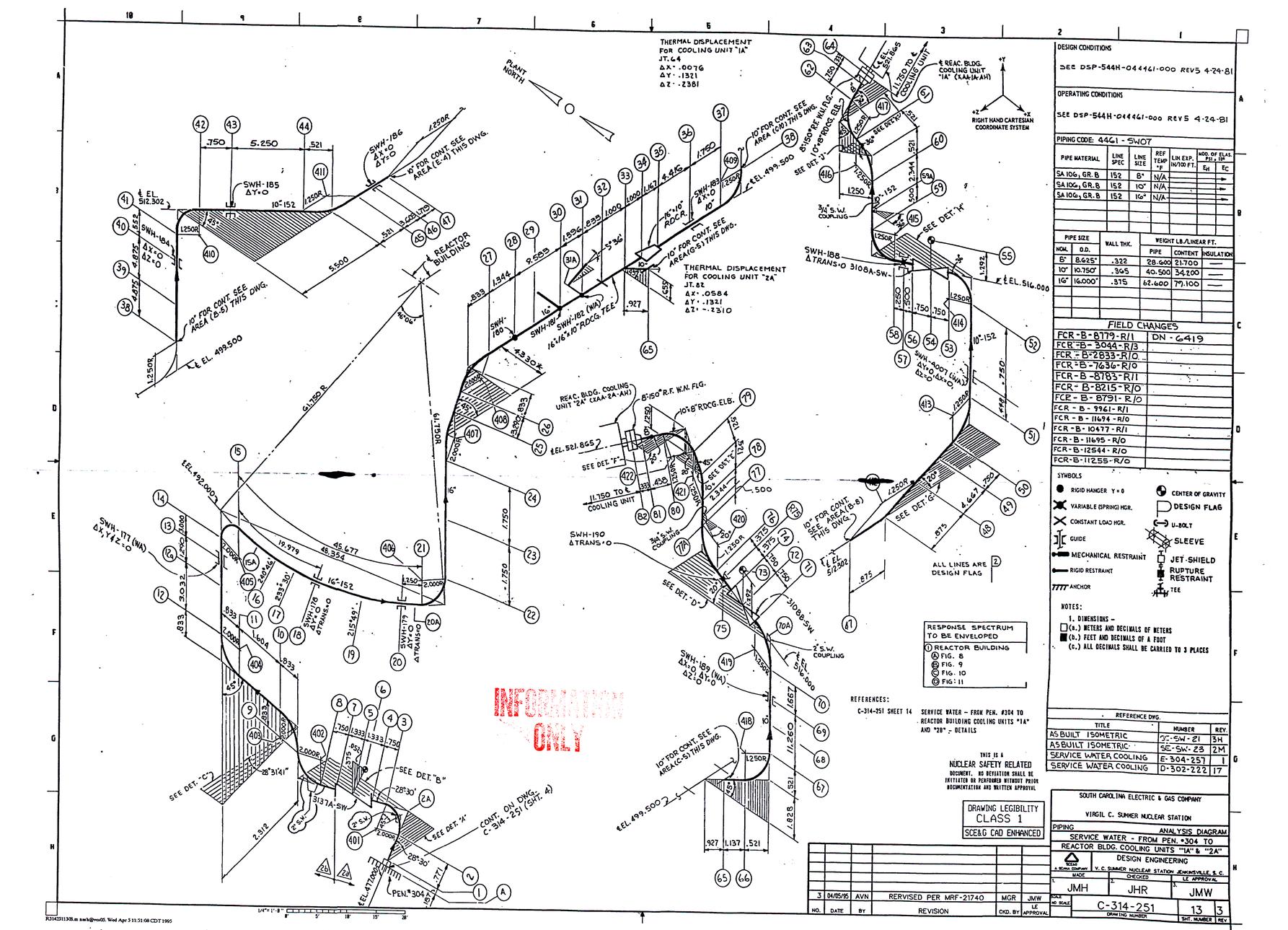

DESIGN CONDITIONS

SEE DSP-544H-044461-000 REV5 4-24-81

OPERATING CONDITIONS

SEE DSP-544H-044461-000 REV5 4-24-81

PIPING CODE: 4461 - SWOT

PIPE MATERIAL	LINE SPEC	LINE SIZE	REF TEMP °F	LIN EXP. IN/100 FT.	NOS. OF ELAS. PER ± 100° F EH	EC
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 NOM.	O.D.	WALL THK.	WEIGHT LB./LINEAR FT. PIPE	CONTENT	INSULATION
8"	8.625"	.322	28.600	21.700	—
10"	10.750"	.395	40.500	34.200	—
16"	16.000"	.375	62.600	79.100	—

FIELD CHANGES

FCR-B-8779-R/1	DN - 6419
FCR-B-3044-R/3	
FCR-B-2833-R/0	
FCR-B-7636-R/0	
FCR-B-8783-R/1	
FCR-B-8215-R/0	
FCR-B-8791-R/0	
FCR-B-9961-R/1	
FCR-B-11694-R/0	
FCR-B-10477-R/1	
FCR-B-11695-R/0	
FCR-B-12544-R/0	
FCR-B-11255-R/0	

SYMBOLS

- RIGID HANGER Y = 0
- VARIABLE (SPRING) HGR.
- CONSTANT LOAD HGR.
- GUIDE
- MECHANICAL RESTRAINT
- RIGID RESTRAINT
- ANCHOR
- CENTER OF GRAVITY
- DESIGN FLAG
- U-BOLT
- SLEEVE
- JET-SHIELD
- RUPTURE RESTRAINT
- TEE

NOTES:

1. DIMENSIONS –
   - (a.) METERS AND DECIMALS OF METERS
   - (b.) FEET AND DECIMALS OF A FOOT
   - (c.) ALL DECIMALS SHALL BE CARRIED TO 3 PLACES

REFERENCE DWG.

TITLE	NUMBER	REV.
AS BUILT ISOMETRIC	3C-SW-21	3H
AS BUILT ISOMETRIC	3E-SW-23	2M
SERVICE WATER COOLING	E-304-251	1
SERVICE WATER COOLING	D-302-222	17

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
3	04/05/95	AVN	REVISED PER MRF-21740	MGR.	JMW

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
PIPING ANALYSIS DIAGRAM
SERVICE WATER - FROM PEN. #304 TO REACTOR BLDG. COOLING UNITS "1A" & "2A"
DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

MADE	CHECKED	LE APPROVAL
1. JMH	2. JHR	3. JMW

SCALE NO SCALE | C-314-251 DRAWING NUMBER | 13 SHT. NUMBER | 3 REV.

D3