



TYPE OF ANALYSIS									
<input checked="" type="checkbox"/> SEISMIC <input type="checkbox"/> NON-SEISMIC <input checked="" type="checkbox"/> B31.1 <input type="checkbox"/> ASME									
PIPE PROPERTIES									
LINE NO.	LINE SPEC	O.D.	THK	MATERIAL	INSUL THK	OPER TEMP	DES PRESS	DES TEMP	
6CW-23	M027	5.625	.240	AL6XN	1"	95	150	125	
6CW-23	M027	5.625	.134	AL6XN	1"	95	150	125	
VALVE PROPERTIES									
VALVE NO.	SIZE	VALVE WEIGHT	OPERATOR						
SW-504	3/4"		WT	C.G.					
ANCHOR MOVEMENTS									
NODE NO.	MOVEMENTS	OPERATING CONDITIONS							
NA	ΔX ΔY ΔZ								
SOURCE									
REFERENCE DOCUMENTS									
FLOW DIAG. 6-190199 SHTS 1,4 REV 39,40									
PIPE DWG SK-1082-W-2001, 2002, 2003 REV 1,2,0									
STRESS CALC SW-9-7109A REV B									
RESPONSE SPECTRA REACTOR CONT. BLDG. EL 289' REACTOR INNER STRUCT EL 232.5, 248, 272.5									
NOTES & REFERENCES									
1. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE GIVEN TO CENTERLINE OF TEES AND ELBOWS.									
2. TRANSITION PIECE IS 6" SCH 10S TO 6" (t = .24").									
3. AL6XN MATERIAL IS: 6" SCH 10S PIPE ASTM B-688, FABR ASTM A358 CL 2 FITTINGS ASTM B-366 CL WP-S OR WP-W 6" (t = .24") PIPE ASTM B-688, FABR ASTM A358 CL 2 FITTINGS ASTM B-366 CL WP-S OR WP-W ELBOWS t = .268"									
4. PIPING BETWEEN TRANSITION PIECES (INCLUSIVE) WAS REPLACED BY MOD 1082. ALL OTHER PIPING EXCEPT AT PENETRATION ASSEMBLY WAS REPLACED BY PLANT MOD 858 REV. 1.									
NOTE: THIS DRAWING SUPERSEDES ISO SW-9 SHT'S 1-4 REV. 1 AND ISO SW-9P SHT'S 1-4 REV. 0.									
SUPPORT LEGEND									
RIGID SNUBBER ANCHOR									
SPRING AXIAL DW SUPPORT									
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NUCLEAR SAFETY RELATED (Q-LIST) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> PARTIAL <input type="checkbox"/> F.P.-Q <input type="checkbox"/> R.W.-Q <input type="checkbox"/>									
CAROLINA POWER & LIGHT COMPANY NUCLEAR ENGINEERING DEPARTMENT - RALEIGH, N.C.									
PLANT: ROBINSON NUCLEAR PLANT UNIT 2 SCALE: NTS									
TITLE: REACTOR CONTAINMENT BLDG SERVICE WATER TO HVH-4 STRESS ISOMETRIC									
DWG NO. SW-9 SHT 2 OF 6 REV 3									