



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-39	M027	6.625	.134	AL6XN	1"	105	150	250	
6CW-39	M027	6.625	.240	AL6XN	1"	105	150	250	
NODE 111 TO 109		6.625	.134	SA312-304	1"	105	150	250	
NODE 110 TO 114		6.625	.134	SA312-304	1"	105	150	250	
NODE 114 TO 117		6.625	.334	SS		105	150	250	
VALVE PROPERTIES									
VALVE NO.	SIZE	VALVE WEIGHT	OPERATOR						
			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 0,1,2
PIPE DWG. 6-190225 SHTS 3,4,5									REV 1,1,0
STRESS CALC. SW-9-71098									REV 7
RESPONSE SPECTRA REACTOR CONT BLOC 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. SUPPORT AT NODE 116 IS FOR ANALYTICAL PURPOSES ONLY.									
3. TRANSITION PIECE IS 6" SCH 10S TO 6" (t = .24").									
4. AL6XN MATERIAL IS: 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"									
5. PIPING BETWEEN TRANSITION PIECES (INCLUSIVE) WAS REPLACED BY MOD 1082. ALL OTHER PIPE EXCEPT AT PENETRATION ASSEMBLY WAS REPLACED BY PLANT MOD 858 REV. 1.									
NOTE: THIS DRAWING SUPERSEDES ISO SW-9 SHT'S 5-8 REV. 1 AND ISO SW-9P SHT'S 5-8 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									
TITLE: REACTOR CONTAINMENT BUILDING SERVICE WATER FROM HVH-4 STRESS ISOMETRIC									
SHT 4 OF 6 REV 3									

REV	DATE	DESCRIPTION	CHK	APP	DES	DRN	LE
3	6/4/93	AS-BUILT RECONCILIATION FM 1082	MJL	AWW	VKS	VKS	
2	9-21-91	FIRST ISSUE PER MOD 1082	MJL	AWW	VKS	VKS	