



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	$\Delta X$ $\Delta Y$ $\Delta Z$										
SOURCE											
REFERENCE DOCUMENTS											
FLOW DIAG.		G-190199 SHTS 1,4		REV		39,40					
PIPE DWG		SK-11082-M-2001, 2002, 2003		REV		1, 2, 0					
STRESS CALC		SW-9-7109A		REV		E					
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-5 OR WP-W 6" (t = .24") PIPE ASTM B-688, FABR ASTM A358 CL2 FITTINGS ASTM B-366 CL WP-5 OR WP-W ELBOWS t = .268"											
4. PIPING BETWEEN TRANSITION PIECES (INCLUDING) 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 (G-LIST) YES <input type="checkbox"/> NO <input type="checkbox"/> PARTIAL <input type="checkbox"/> F.P.-0 <input type="checkbox"/> R.W.-0 <input type="checkbox"/>											
CAROLINA POWER & LIGHT COMPANY NUCLEAR ENGINEERING DEPARTMENT - RALEIGH, N.C.											
PLANT: ROBINSON NUCLEAR PLANT UNIT 2											
TITLE: REACTOR CONTAINMENT BLDG SERVICE WATER TO HVH-4 STRESS ISOMETRIC											
SCALE: NTS											
DWG NO. SW-9											
SHT 2 OF 6 REV 3											

REV	DATE	DESCRIPTION	BY	CHK	APP	REV	DATE	DESCRIPTION
3	01/13	AS-BUILT RECONCILIATION PM 1082	MJE	AMW	VKS	VKS		
2	9-21-91	FIRST ISSUE PER MOD 1082	MJE	PV	AMW	VKS	VKS	
			DW	DK	RE	DPE	DPE	LE

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