



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	.134	AL6XN	1"	95	150	125	
3CW LINES	M027	3.5	.120	AL6XN	1"	95	150	125	
VALVE PROPERTIES									
VALVE NO.	SIZE	VALVE WEIGHT	OPERATOR						
SW-825	3/4"		WT	C.G.					
ANCHOR MOVEMENTS									
NODE NO.	MOVEMENTS	OPERATING CONDITIONS							
NA	$\Delta X$ $\Delta Y$ $\Delta Z$								
SOURCE									
REFERENCE DOCUMENTS									
FLOW DIAG. 6-190199 SHTS 1,4									REV 39,40
PIPE DWG 6-190225 SHTS 3,4,5									REV 1,1,0
STRESS CALC SW-9-7109A									REV 8
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. AL6XN MATERIAL IS:									
3" SCH 10S PIPE ASTM B-675-87 CL 2									
FITTINGS ASTM B-366 CL WP-S OR WP-W									
6" SCH 10S PIPE ASTM B-698, FABR ASTM A358 CL2									
FITTINGS ASTM B-366 CL WP-S OR WP-W									
3. ALL PIPING ON THIS SHT WAS REPLACED BY PLANT MOD 858 REV. 1.									
APERTURE CARD									
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									
THIS DRAWING IS A PRODUCT OF THE NED CAD/E SYSTEM. ANY PERSONNEL REVISING THIS DOCUMENT SHOULD ENSURE THAT SUCH CHANGES ARE INCORPORATED INTO THE ELECTRONIC DRAWING DATABASE BEFORE FINAL APPROVAL. CONTACT THE APPROPRIATE NED DISCIPLINE IF THERE ARE ANY QUESTIONS.									
NUCLEAR SAFETY RELATED (G-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 BLDG SERVICE WATER TO HVH-4 STRESS ISOMETRIC									
SCALE: NTS									
DWG NO. SW-9									
SHT 3 OF 6 REV 3									

FORM: SK-CAD-A-9130

RNP-SW9-7109A SHT 3

SW-9-7109A Rev. 8 Pa. 67

99030302603