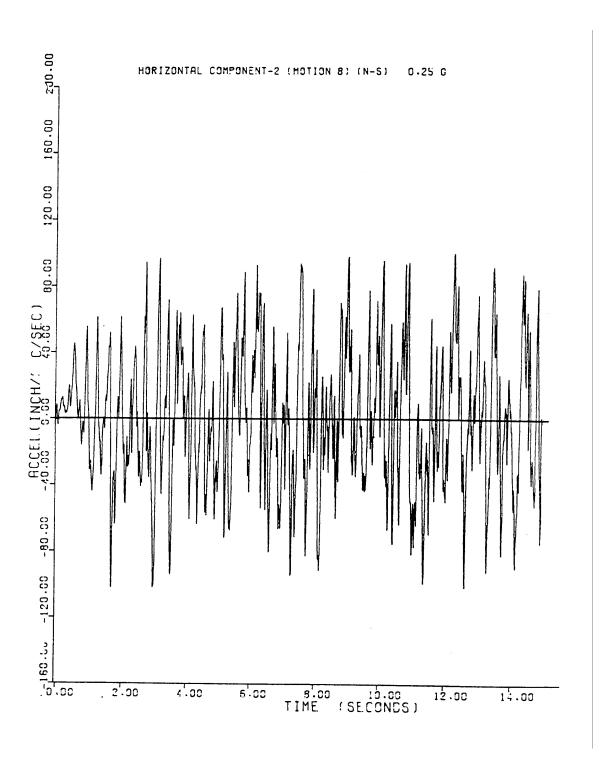
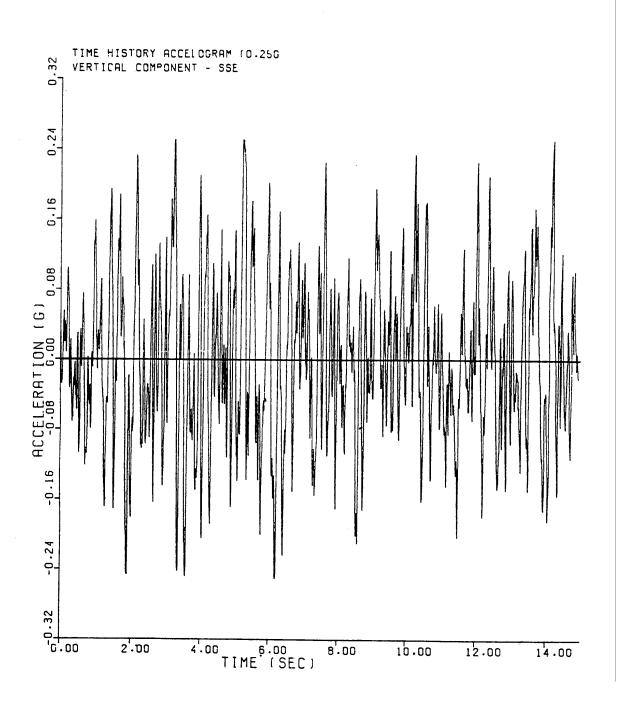


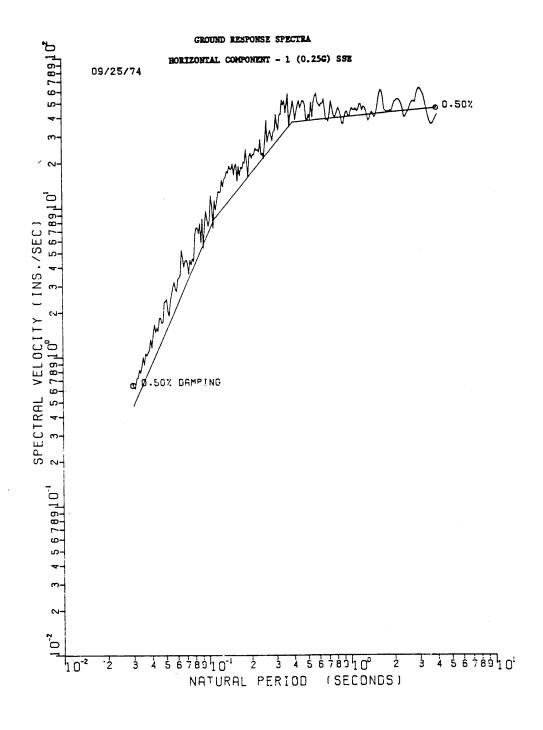
SEABROOK STATION UPDATED FINAL SAFETY	Time History Accelogram (0.25g), Horizontal Component 1 - SSE		
Analysis Report		Figure 3.7(B)-1	



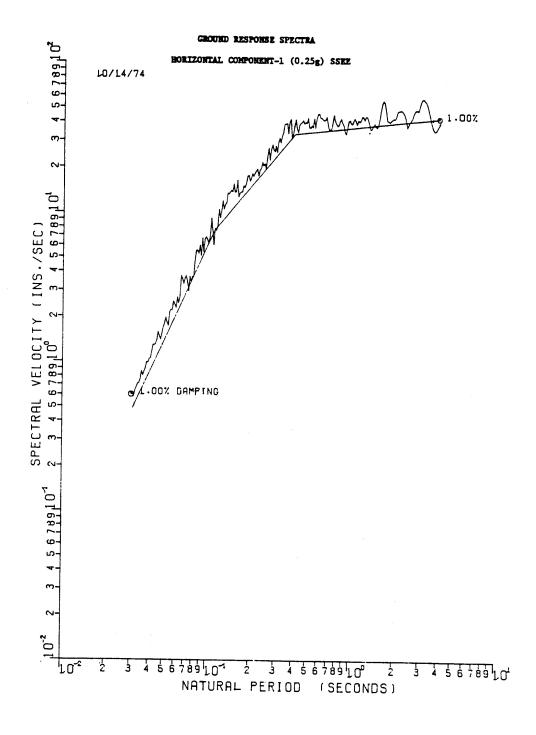
SEABROOK STATION UPDATED FINAL SAFETY	Time History Accelogram - SSE	n (0.25g), Horizon	tal Component 2
Analysis Report		Figure	3.7(B)-2



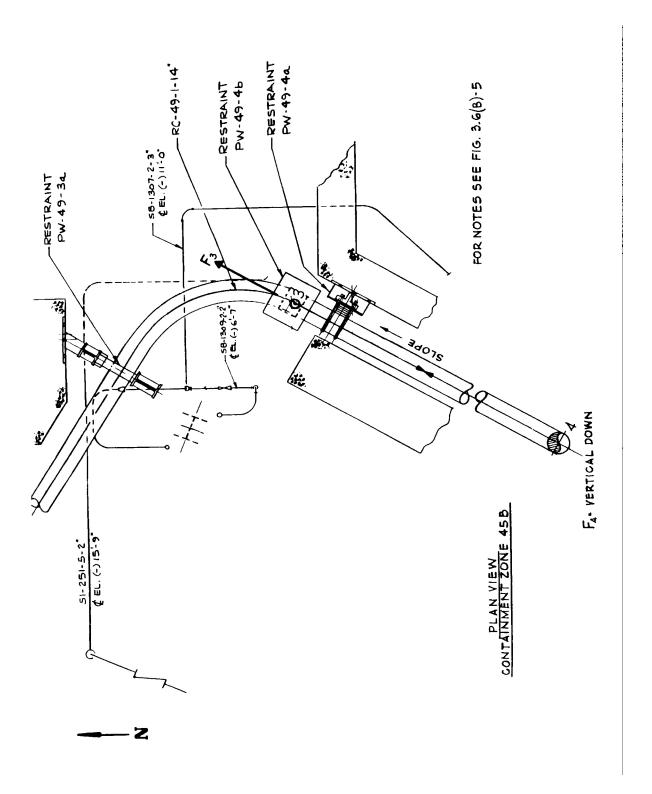
SEABROOK STATION UPDATED FINAL SAFETY	Time History Accelogram (0.25g), Vertical Component - SSE	
Analysis Report		Figure 3.7(B)-3



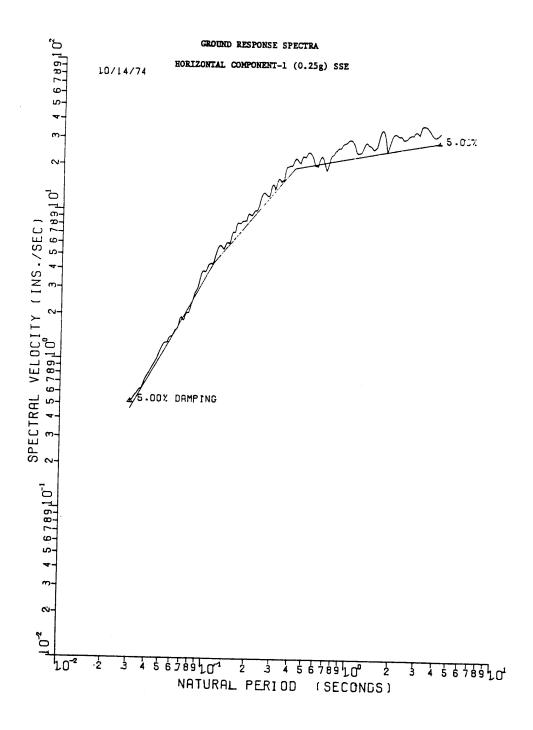
SEABROOK STATION UPDATED FINAL SAFETY	0.50% Critical Damping Ground Response Spectrum, Horizontal Component 1 - SSE		Spectrum,
ANALYSIS REPORT		Figure	3.7(B)-4



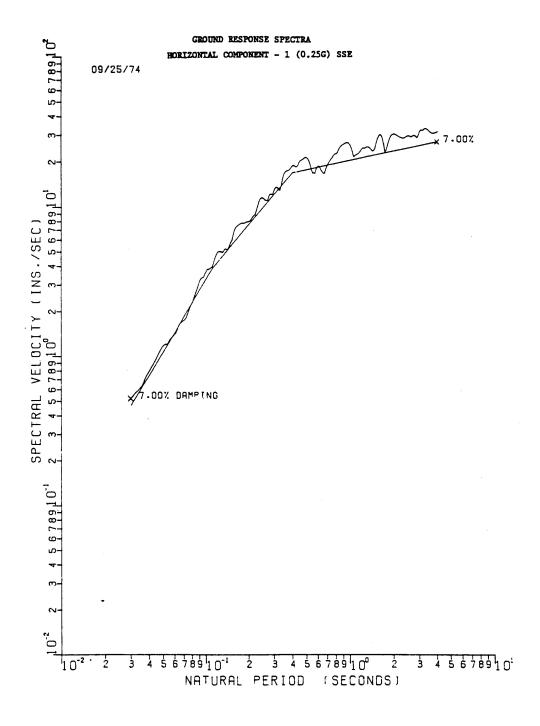
SEABROOK STATION UPDATED FINAL SAFETY	1% Critical Damping Ground Response Spectrum, Horizontal Component 1 - SSE		ectrum,
Analysis Report		Figure	3.7(B)-5



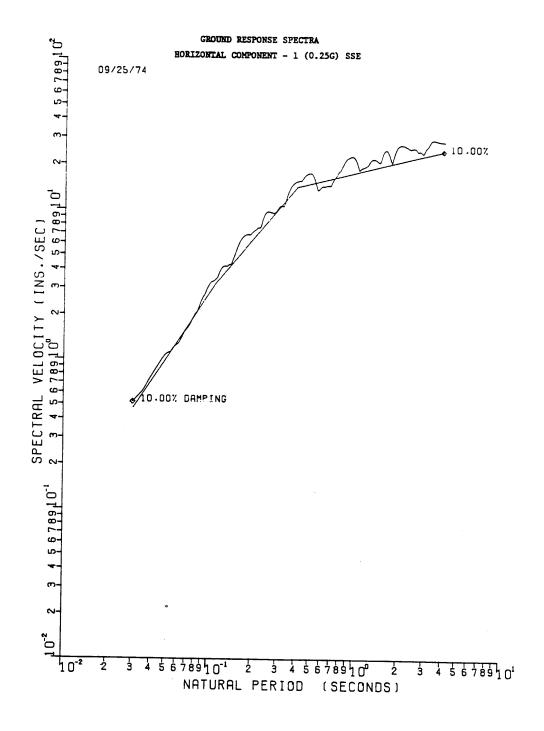
SEABROOK STATION	Pressurizer Surge Line Pipe Whip Restraint Protecting Steam	
UPDATED FINAL SAFETY	Generator Blowdown and Safety Injection Lines -	
ANALYSIS REPORT	Containment Zone 45B	
	Figure 3.6(B)-6	



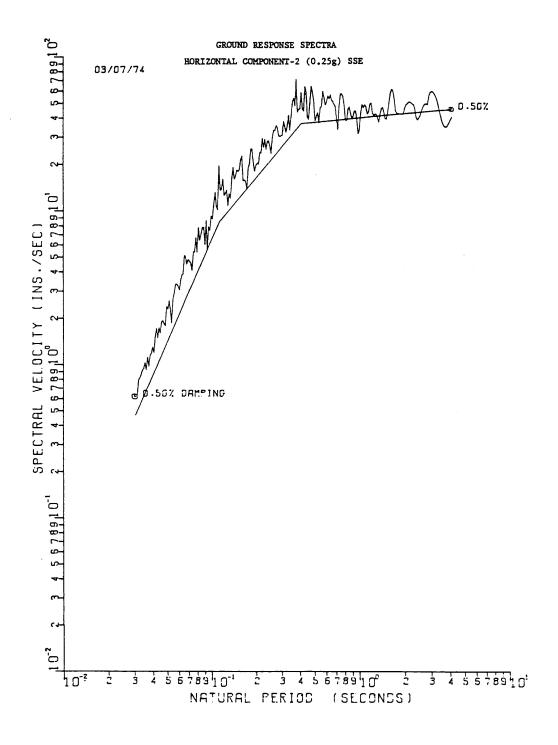
SEABROOK STATION UPDATED FINAL SAFETY	5% Critical Damping Ground Response Spectrum, Horizontal Component 1 - SSE		ectrum,
Analysis Report		Figure	3.7(B)-7



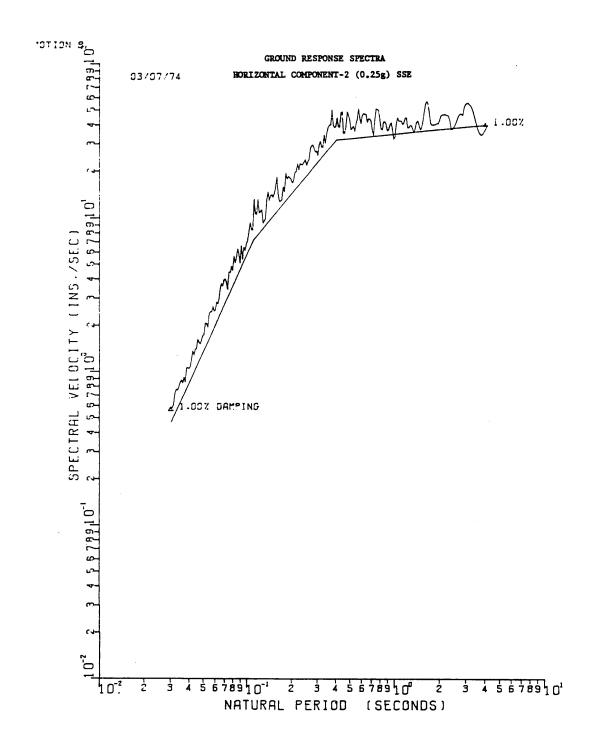
SEABROOK STATION	7% Critical Damping Ground Response Spectrum,		
UPDATED FINAL SAFETY	Horizontal Component 1 - SSE		
ANALYSIS REPORT		Figure	3.7(B)-8



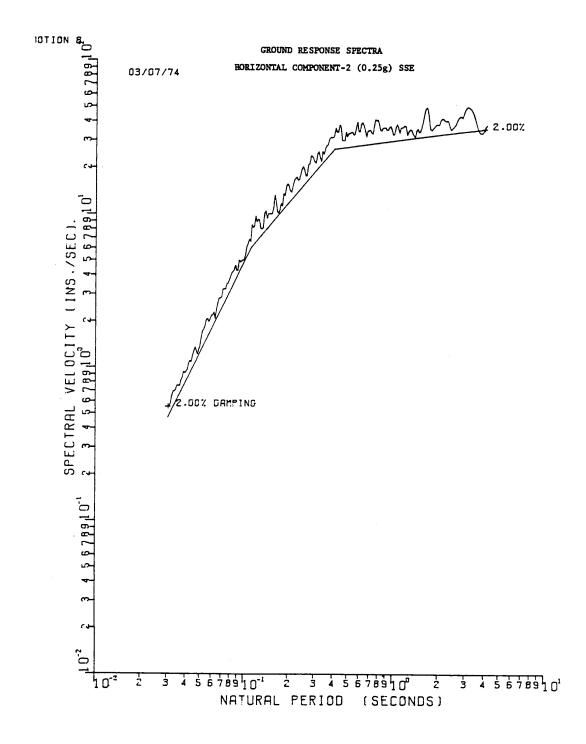
SEABROOK STATION UPDATED FINAL SAFETY	10% Critical Damping Ground Response Spectrum, Horizontal Component 1 - SSE		pectrum,
Analysis Report		Figure	3.7(B)-9



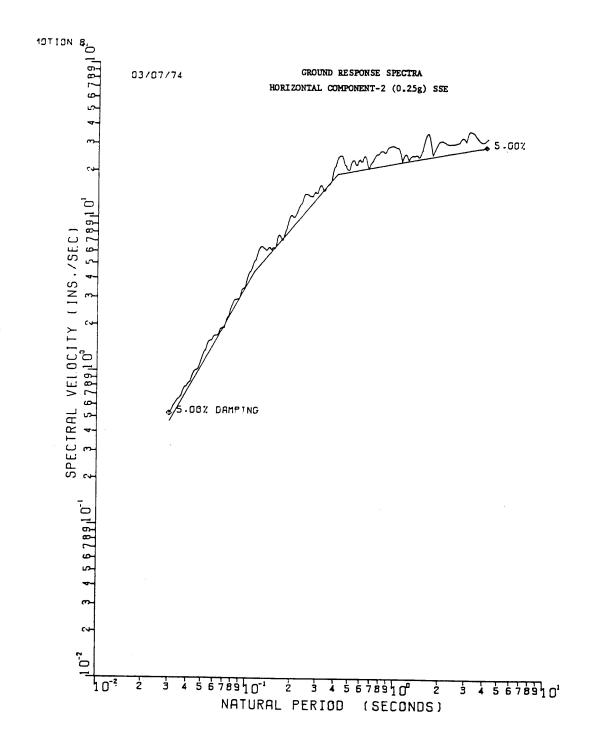
UPDATED FINAL SAFETY	0.5% Critical Damping Ground Response Spectrum, Horizontal Component 2 - SSE		Spectrum,
Analysis Report		Figure	3.7(B)-10



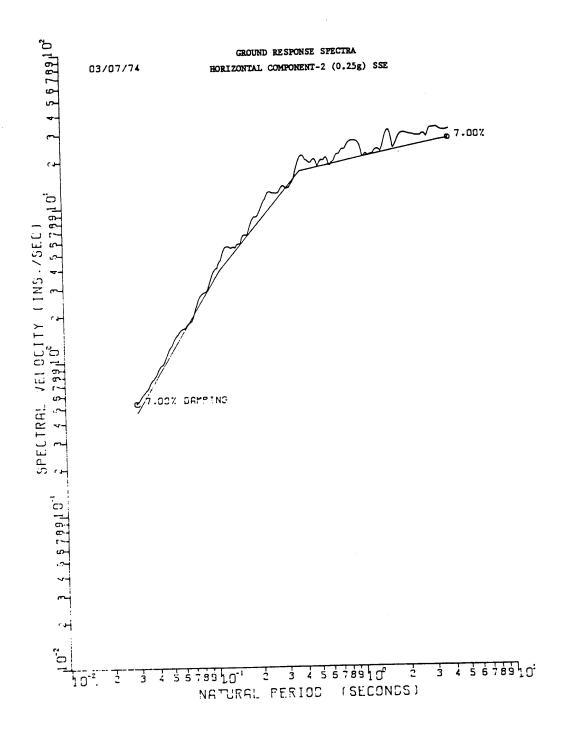
SEABROOK STATION UPDATED FINAL SAFETY	1% Critical Damping Ground Response Spectrum, Horizontal Component 2 - SSE		pectrum,
Analysis Report		Figure	3.7(B)-11



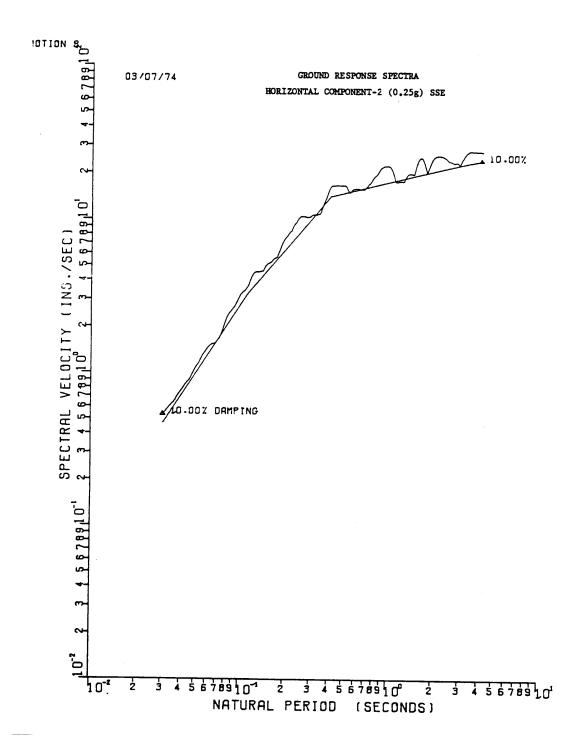
SEABROOK STATION UPDATED FINAL SAFETY	2% Critical Damping Ground Response Spectrum, Horizontal Component 2 - SSE		ectrum,
Analysis Report		Figure	3.7(B)-12



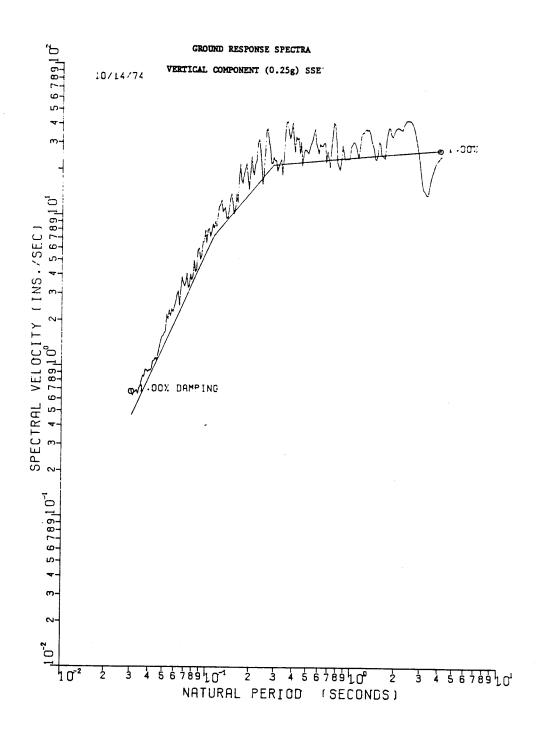
SEABROOK STATION UPDATED FINAL SAFETY	5% Critical Damping Gro Horizontal Component 2		pectrum,
ANALYSIS REPORT		Figure	3.7(B)-13



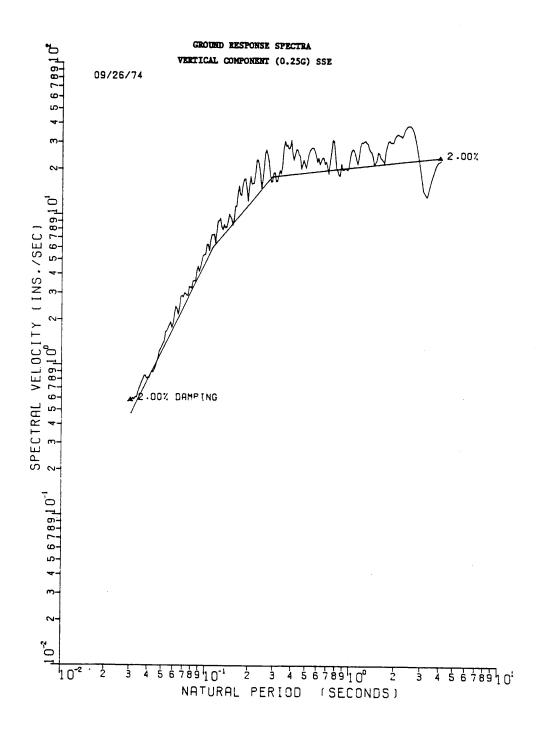
SEABROOK STATION UPDATED FINAL SAFETY	7% Critical Damping Ground Response Spectrum, Horizontal Component 2 - SSE		pectrum,
ANALYSIS REPORT		Figure	3.7(B)-14



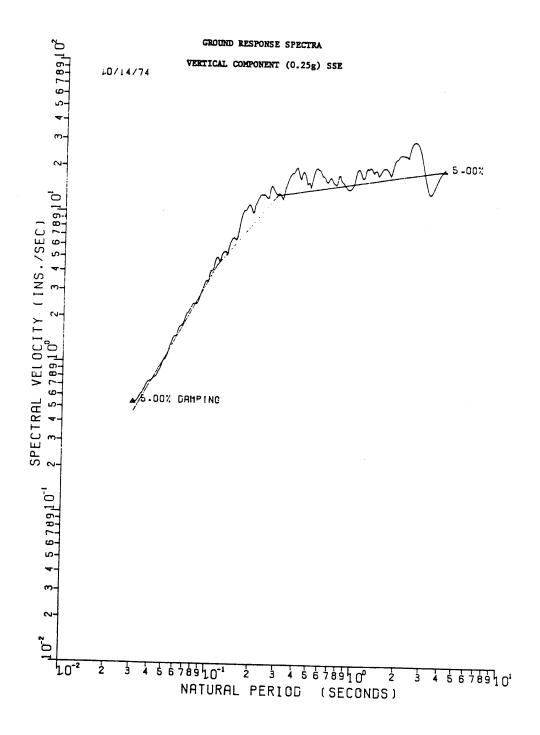
SEABROOK STATION UPDATED FINAL SAFETY	10% Critical Damping Ground Response Spectrum, Horizontal Component 2 - SSE		Spectrum,
Analysis Report		Figure	3.7(B)-15



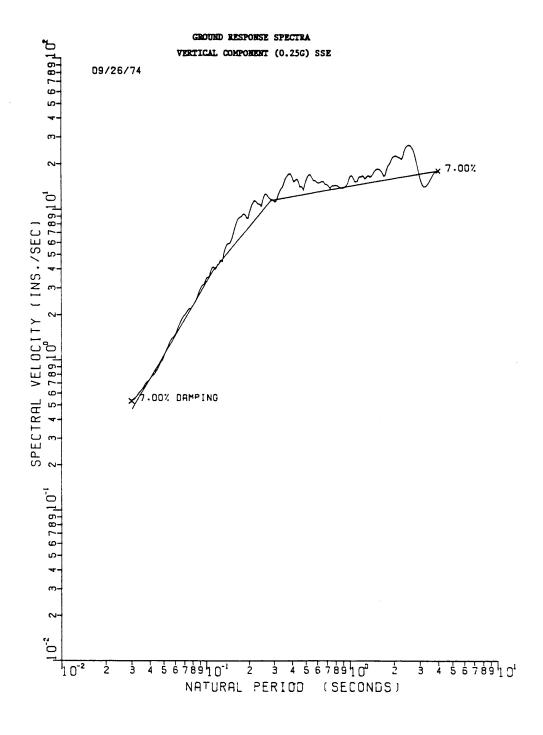
SEABROOK STATION UPDATED FINAL SAFETY	1% Critical Damping Gro Component - SSE	ound Response Sp	pectrum, Vertical
ANALYSIS REPORT		Figure	3.7(B)-16



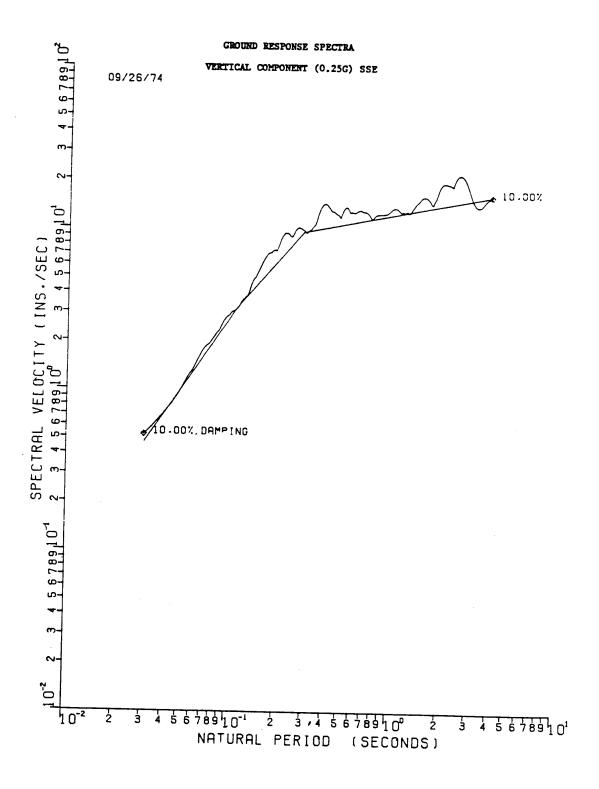
SEABROOK STATION UPDATED FINAL SAFETY	2% Critical Damping Ground Response Spectrum, Vertical Component - SSE		ectrum, Vertical
Analysis Report		Figure	3.7(B)-17



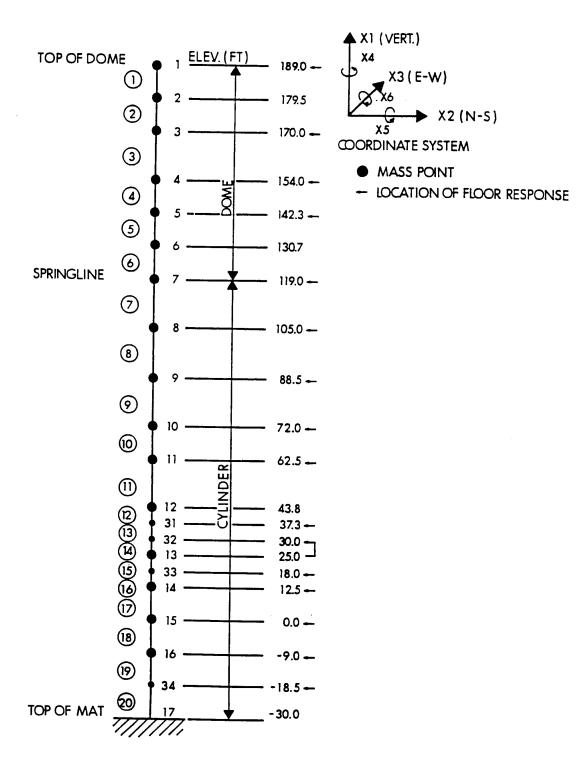
SEABROOK STATION UPDATED FINAL SAFETY	5% Critical Damping Gro Component - SSE	ound Response Sp	ectrum, Vertical
ANALYSIS REPORT		Figure	3.7(B)-18



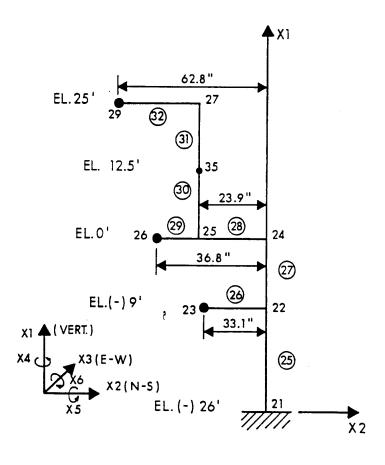
SEABROOK STATION UPDATED FINAL SAFETY	7% Critical Damping Ground Response Spectrum, Vertical Component - SSE		ectrum, Vertical
Analysis Report		Figure	3.7(B)-19



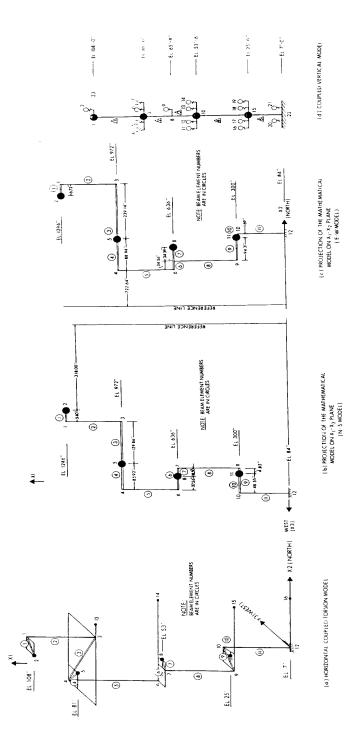
SEABROOK STATION UPDATED FINAL SAFETY	10% Critical Damping Ground Response Spectrum, Vertical Component - SSE		pectrum, Vertical
ANALYSIS REPORT		Figure	3.7(B)-20



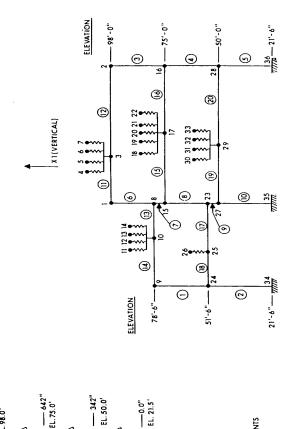
SEABROOK STATION	Containment Shell - Seismic Model		
UPDATED FINAL SAFETY			
ANALYSIS REPORT			
THATE I SIS ICEI OKT		Figure	3.7(B)-21



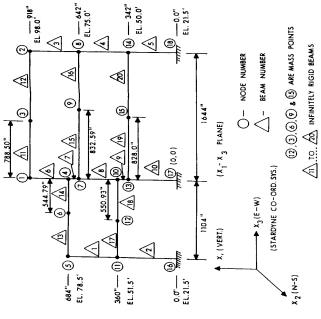
SEABROOK STATION	Containment Internals - Mathematical Model		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.7(B)-22
		riguie	3.7(D)-22



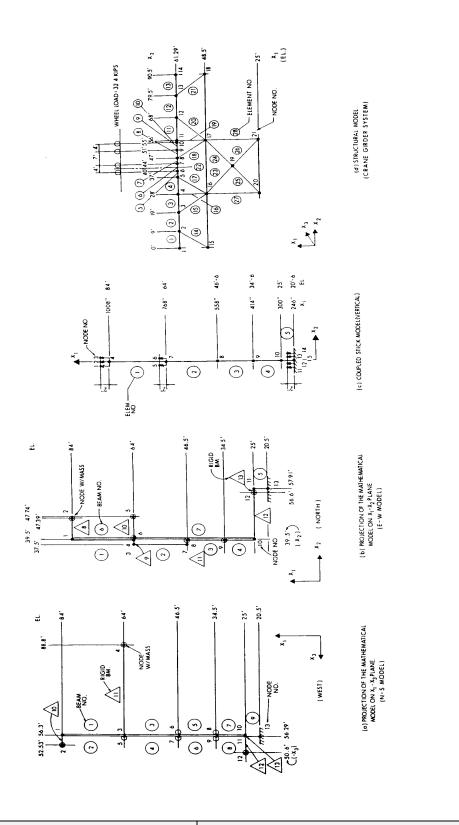
SEABROOK STATION UPDATED FINAL SAFETY	Primary Auxiliary Buildin Model	ng Seismic Analy	sis - Mathematical
ANALYSIS REPORT		Figure	3.7(B)-23



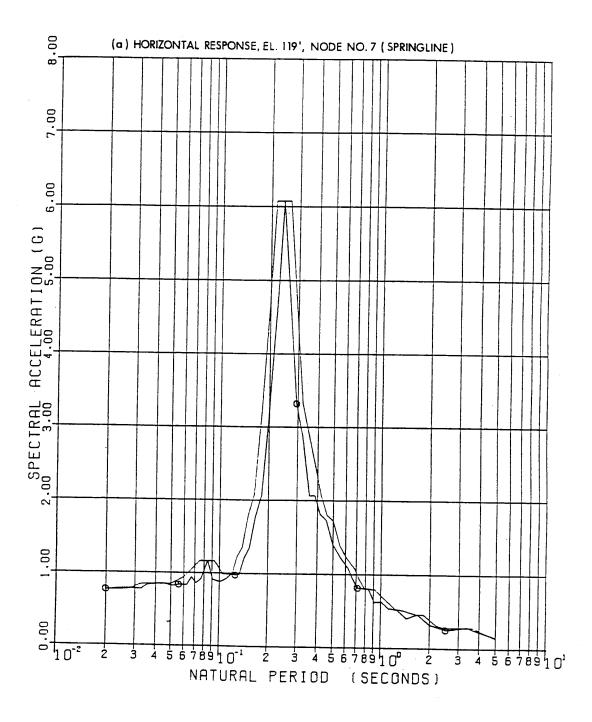




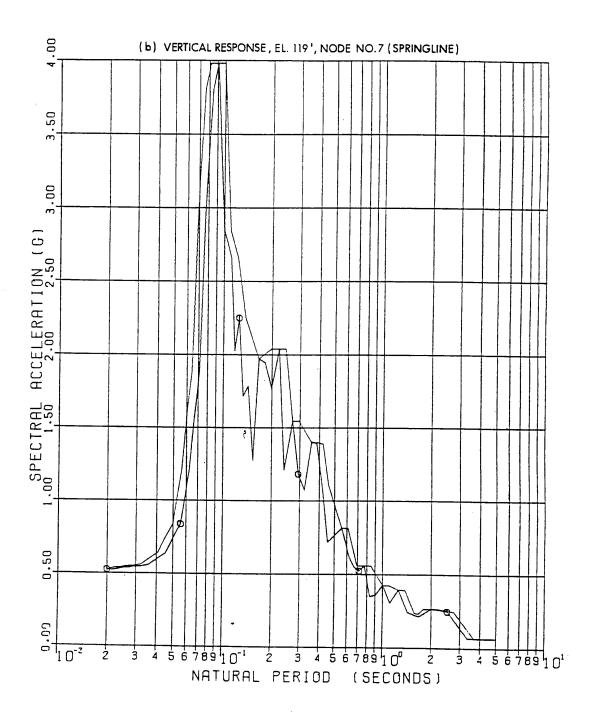
SEABROOK STATION UPDATED FINAL SAFETY	Control/Diesel Generator Building Seismic Analysis - Mathematical Model		
ANALYSIS REPORT		Figure	3.7(B)-24



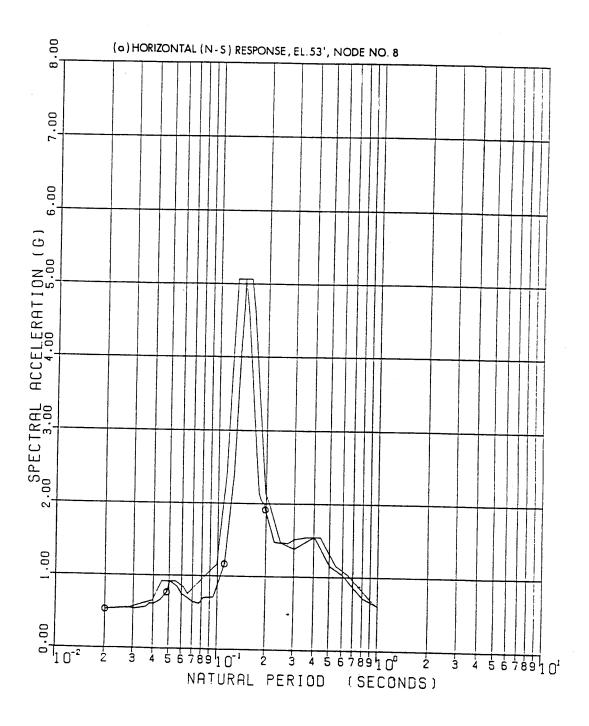
SEABROOK STATION UPDATED FINAL SAFETY	Fuel Storage Building Seismic Analysis - Mathematical Model		
ANALYSIS REPORT		Figure	3.7(B)-25



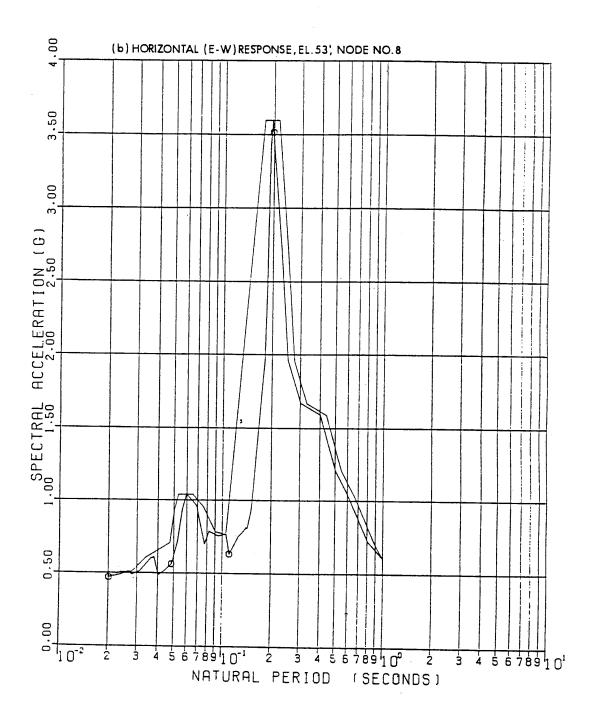
SEABROOK STATION UPDATED FINAL SAFETY	etra - SSE - Containment Shell - 7% Equipment Damping [2 Sheets]	
ANALYSIS REPORT	Figure 3.7(B)-26	Sh 1 of 2



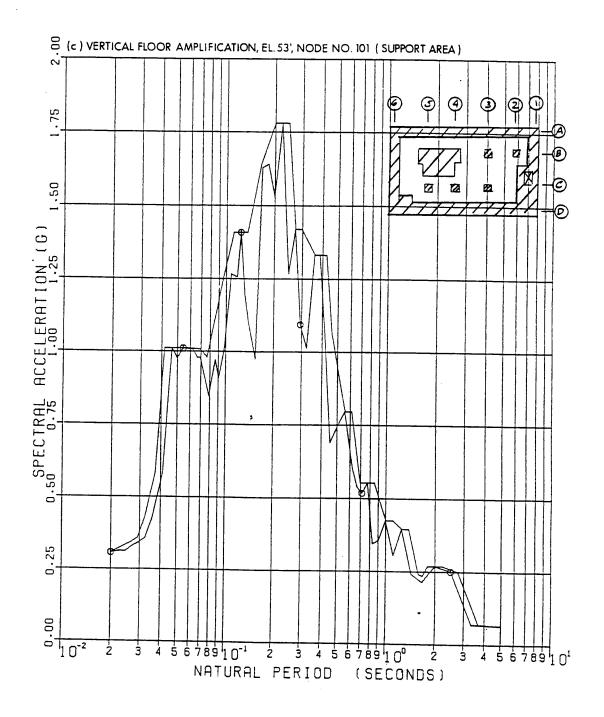
SEABROOK STATION UPDATED FINAL SAFETY			
ANALYSIS REPORT			Sh 2 of 2



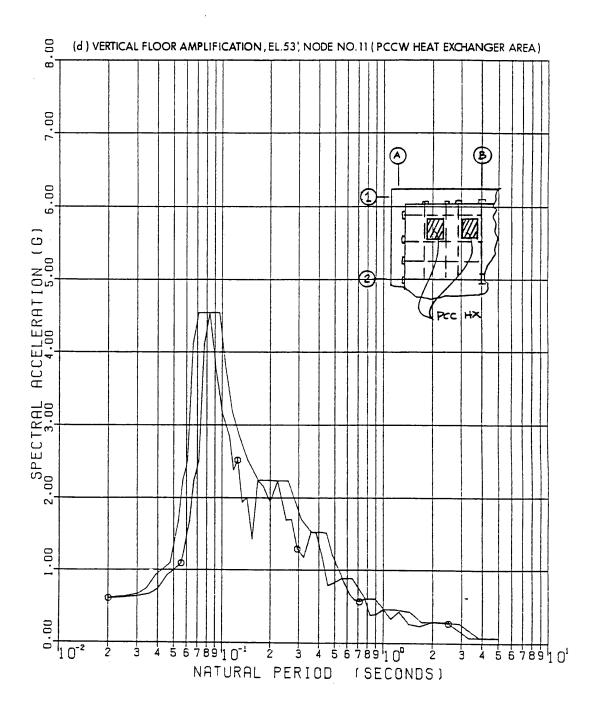
UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Primary Auxiliary Building -7% Structural Damping; 2% Equipment Damping [4 Sheets]		
Analysis Report		Figure 3.7(B)-27	Sh 1 of 4



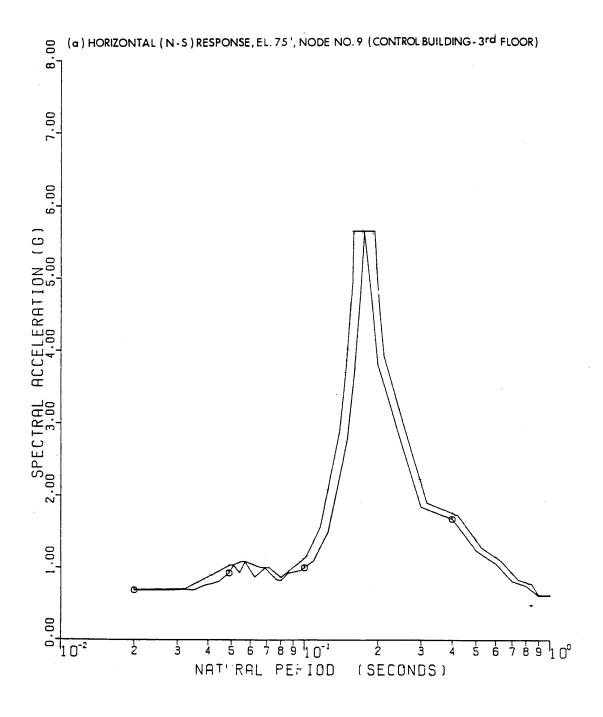
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Primary Auxiliary Building -7% Structural Damping; 2% Equipment Damping [4 Sheets]		
ANALYSIS REPORT		Figure 3.7(B)-27	Sh 2 of 4



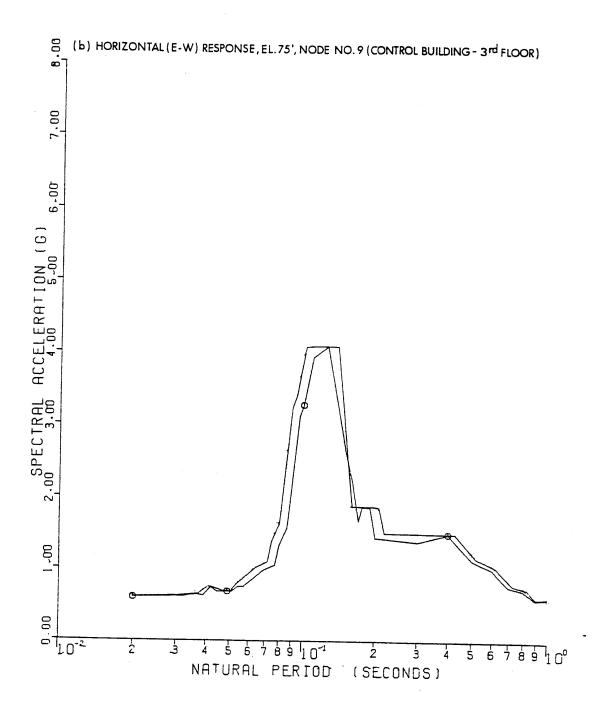
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Primary Auxiliary Building -7% Structural Damping; 2% Equipment Damping [4 Sheets]		
ANALYSIS REPORT		Figure 3.7(B)-27	Sh 3 of 4



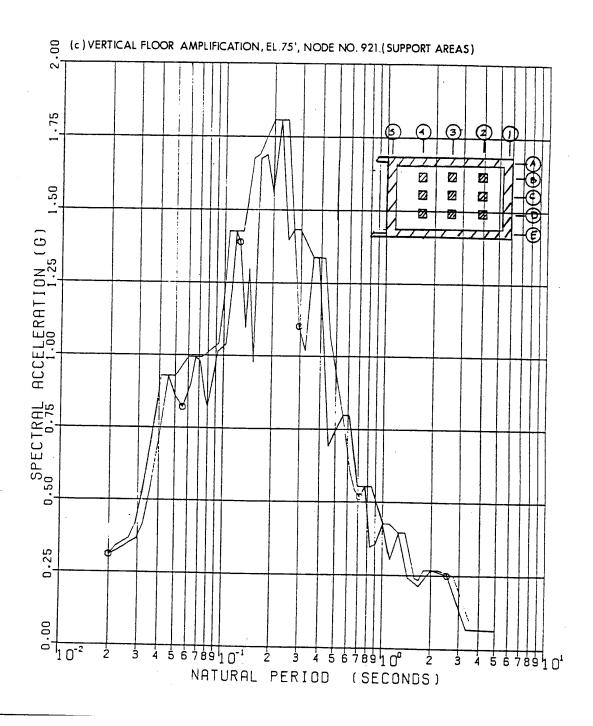
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Primary Auxiliary Building -7% Structural Damping; 2% Equipment Damping [4 Sheets]		
ANALYSIS REPORT		Figure 3.7(B)-27	Sh 4 of 4



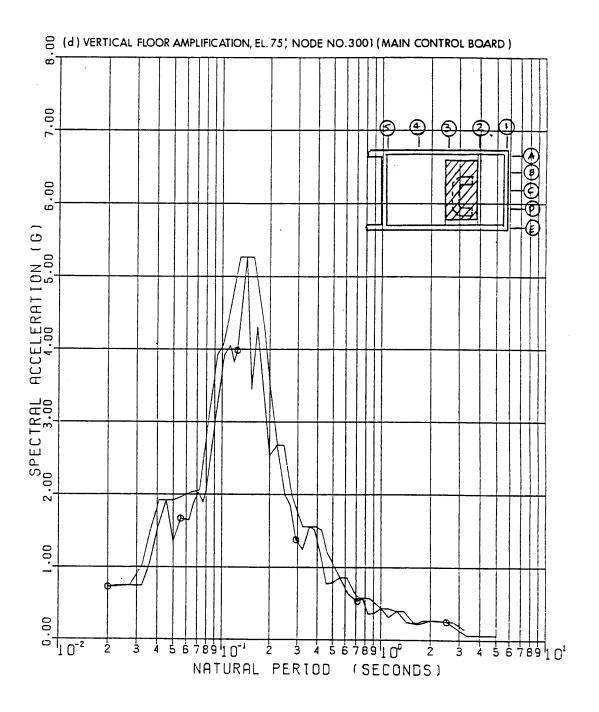
UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equipm Damping [8 Sheets]			
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 1 of 8	



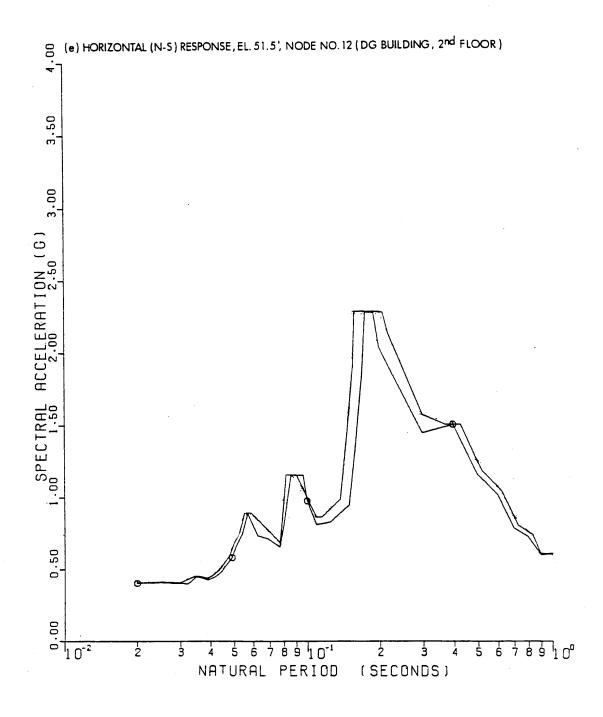
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equ Damping [8 Sheets]			
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 2 of 8	



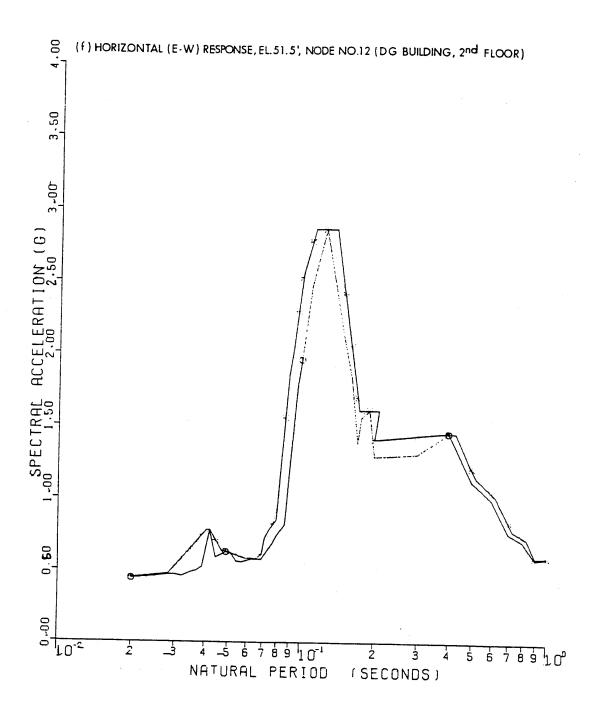
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equ Damping [8 Sheets]		
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 3 of 8



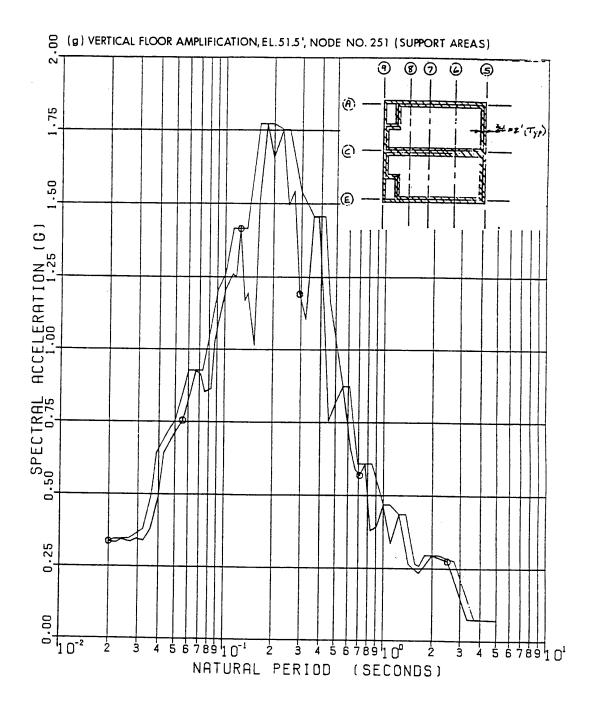
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equipm Damping [8 Sheets]			
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 4 of 8	



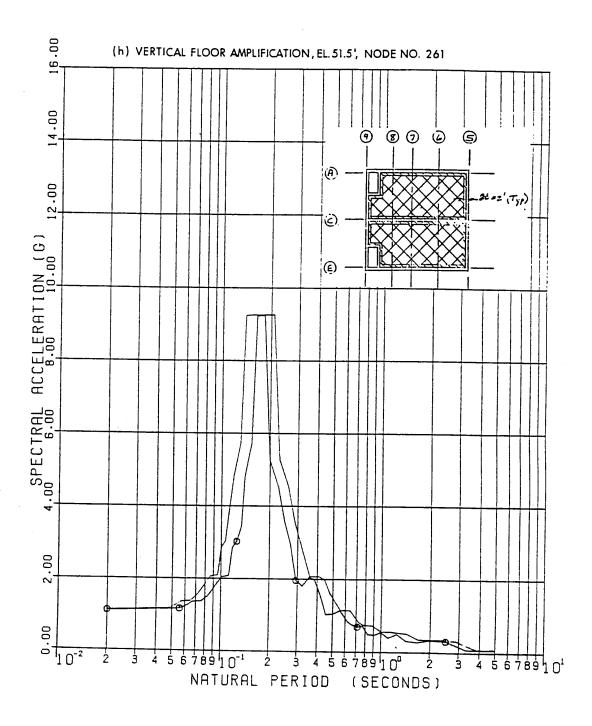
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equipment Damping [8 Sheets]		
		Figure 3.7(B)-28	Sh 5 of 8



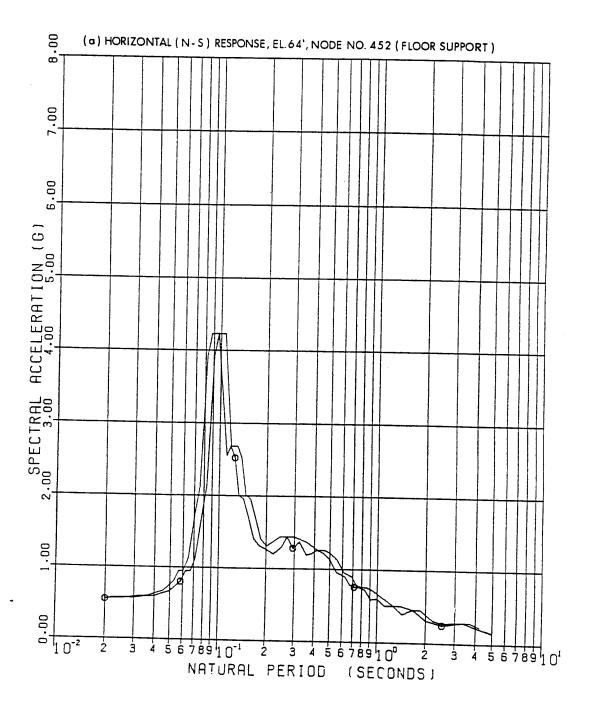
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equipment Damping [8 Sheets]			
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 6 of 8	



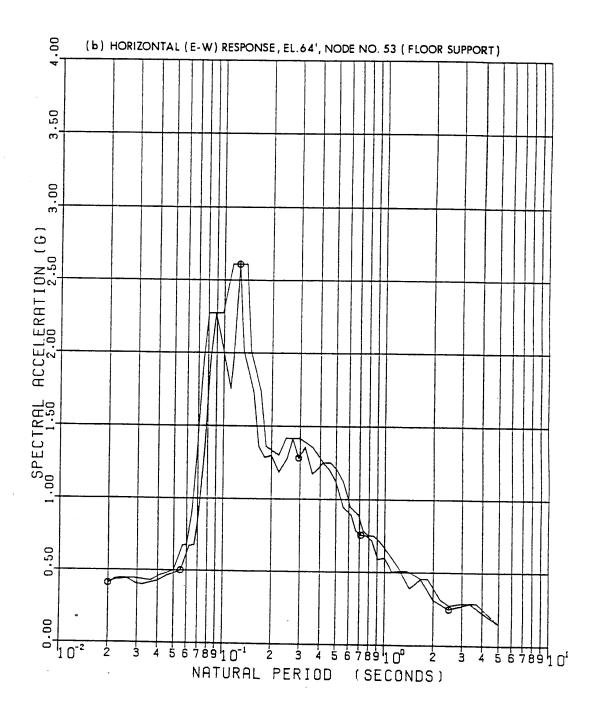
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spectra - SSE - Control/Diesel Generator Building - 7% Structural Damping; 2% Equipmen Damping [8 Sheets]			
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 7 of 8	



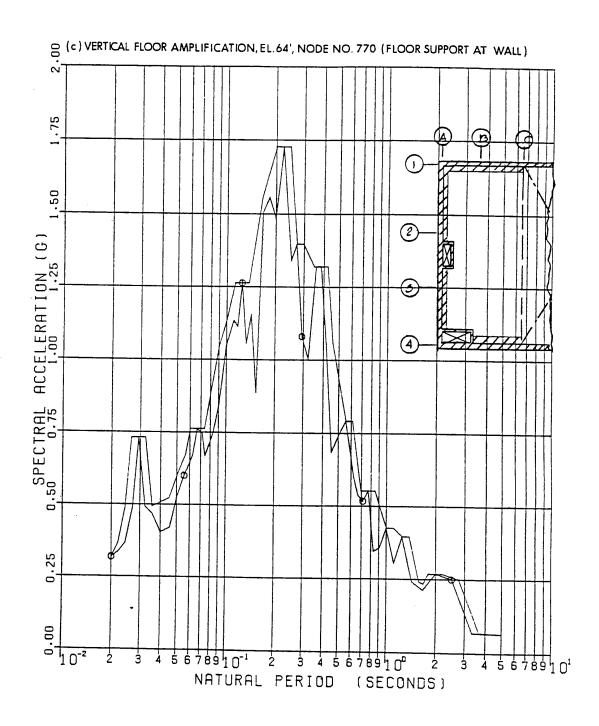
SEABROOK STATION	Amplified Response Spectra - SSE - Control/Diesel		
UPDATED FINAL SAFETY	Generator Building - 7% Structural Damping; 2% Equipment		
	Damping [8 Sheets]		
ANALYSIS REPORT		Figure 3.7(B)-28	Sh 8 of 8



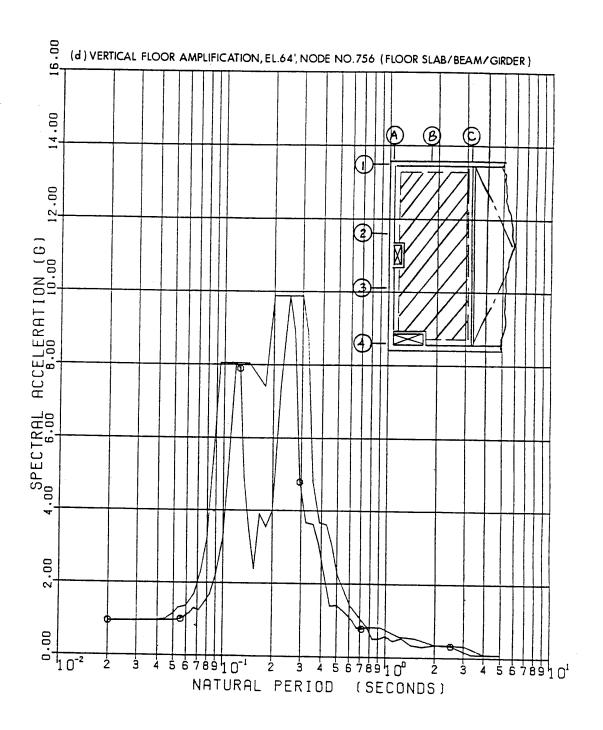
SEABROOK STATION UPDATED FINAL SAFETY	etra - SSE - Fuel Storage Building - 2% Equipment Damping [4 Sheets]	
ANALYSIS REPORT	Figure 3.7(B)-29	Sh 1 of 4



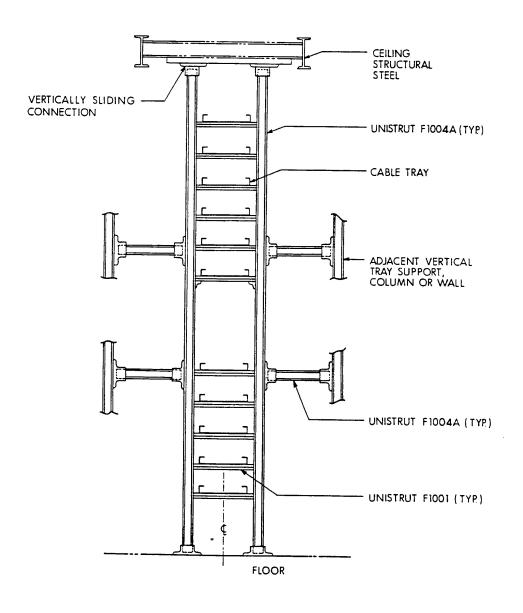
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spec 7% Structural Damping; 2		,
ANALYSIS REPORT		Figure 3.7(B)-29	Sh 2 of 4



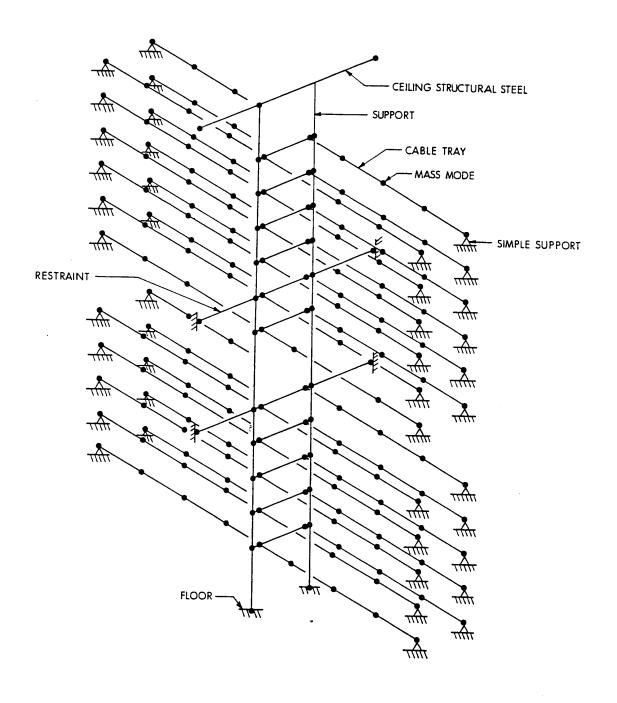
SEABROOK STATION UPDATED FINAL SAFETY	Amplified Response Spec 7% Structural Damping; 2		
Analysis Report		Figure 3.7(B)-29	Sh 3 of 4



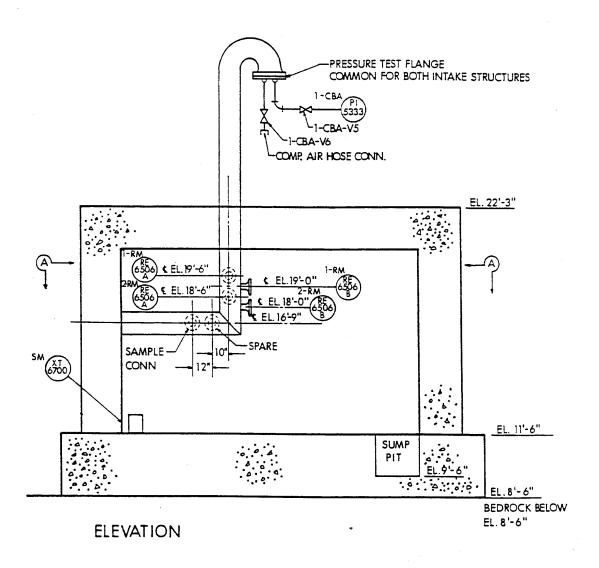
SEABROOK STATION UPDATED FINAL SAFETY	etra - SSE - Fuel Storage Building - 2% Equipment Damping [4 Sheets]	
ANALYSIS REPORT	Figure 3.7(B)-29	Sh 4 of 4



SEABROOK STATION	Typical Ceiling-to-Floor Supported Cable Tray System		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure 3.7(B)-30	



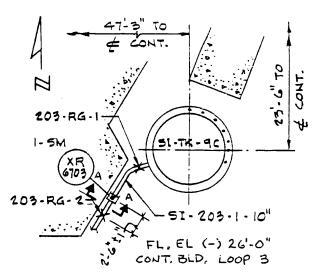
SEABROOK STATION UPDATED FINAL SAFETY	Mathematical Model of T Cable Tray System	ypical Ceiling-to	-Floor Supported
ANALYSIS REPORT		Figure	3.7(B)-31

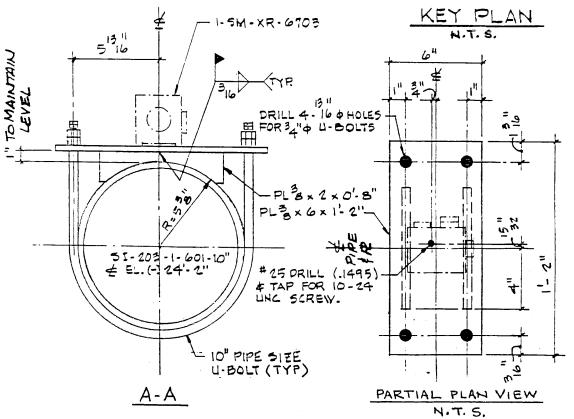


SEABROOK STATION UPDATED FINAL SAFETY	Mounting Detail of Triaxial Time History Accelerograph, XT-6700, in East Air Intake Structure		
ANALYSIS REPORT		Figure	3.7(B)-32

## NOTES

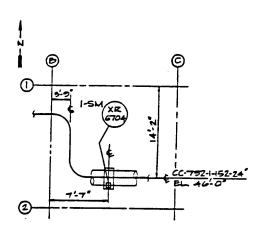
- 1. TORQUE THE INST. MOUNTING SCREW TO 40  $\pm$  10 IN-LBS
- 2. TORQUE U-BOLTS TO 80 FT-LBS + 20
- 3. LEVEL MOUNTING PLATE WITHIN  $1/4^{\circ}$  (1/64" IN  $3/\frac{1}{2}$ ").
- 4. EDGE OF MOUNTING PLATE TO BE PARALLEL WITH ♣ OF PIPE.
- 5. ALIGN LONG SIDE OF INSTRUMENT PARALLEL WITH THE EDGE OF MOUNTING PLATE WITHIN 3° (1/4" IN 5").

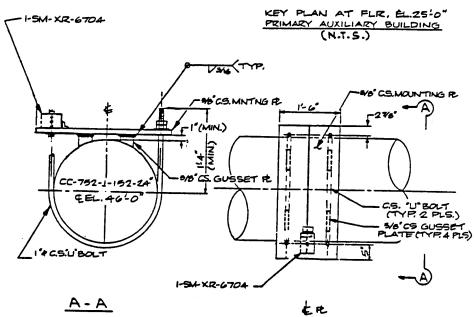




## MOUNTING DETAIL

SEABROOK STATION UPDATED FINAL SAFETY	Mounting Detail of Triaxial Peak Accelerograph, XR-6703, on Safety Injection Piping (Line 203)		
ANALYSIS REPORT		Figure	3.7(B)-33

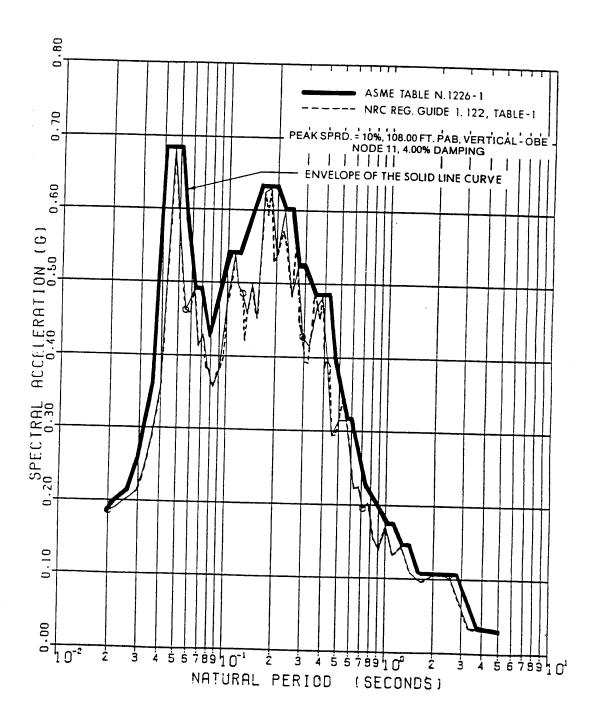




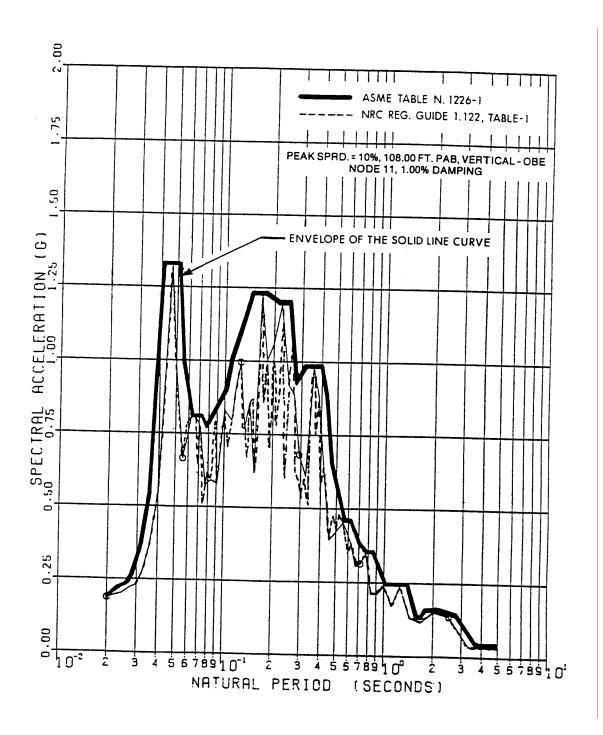
PARTIAL PLAN VIEW (N.T.S.)

## MOUNTING DETAIL

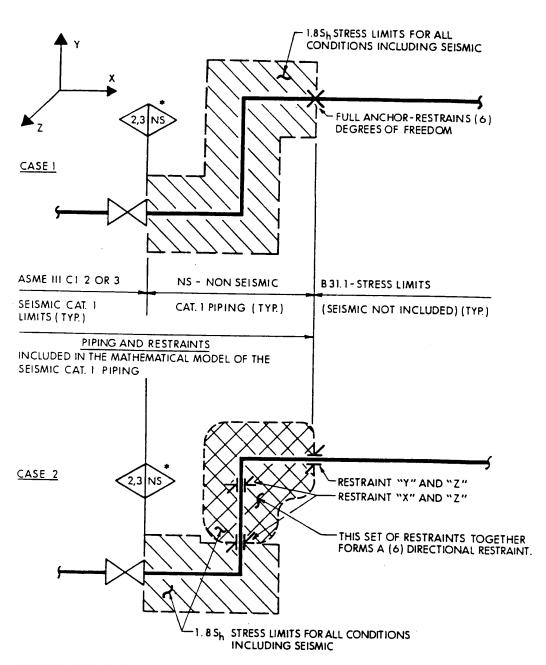
SEABROOK STATION UPDATED FINAL SAFETY	Mounting Detail of Triax on PCCW Piping	ial Peak Accelero	ograph, XR-6704,
ANALYSIS REPORT		Figure	3.7(B)-34



SEABROOK STATION UPDATED FINAL SAFETY	Primary Auxiliary Buildin (Vertical) OBE, 4% Dam	•	sponse Spectra
ANALYSIS REPORT		Figure	3.7(B)-35

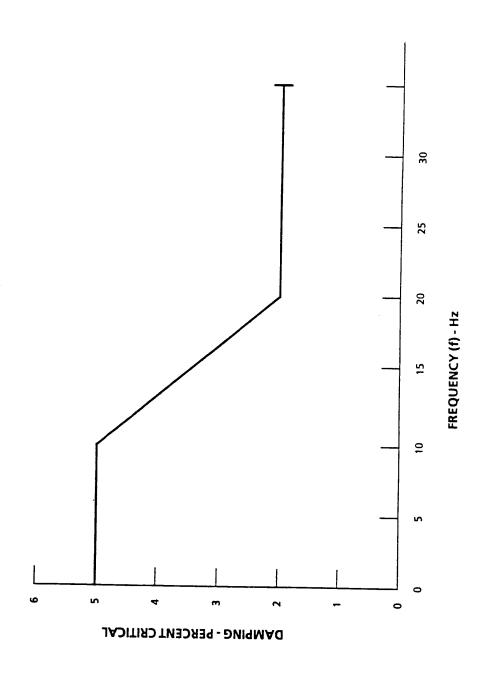


SEABROOK STATION UPDATED FINAL SAFETY	Primary Auxiliary Building Amplified Response Spectra (Vertical) OBE, 1% Damping		ponse Spectra
ANALYSIS REPORT		Figure	3.7(B)-36

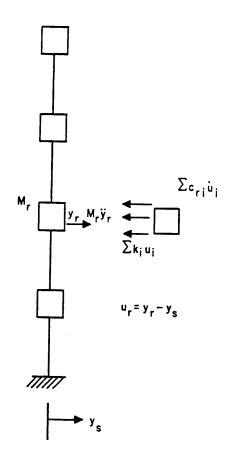


\* SYMBOL INDICATES BOUNDARY BETWEEN ASME !!! CLASS 2 OR 3 AND NON-SEISMIC PIPING.

SEABROOK STATION	Typical Pipe Support Systems		
UPDATED FINAL SAFETY			
ANALYSIS REPORT			
THALLISIS ICH OKI		Figure	3.7(B)-37



SEABROOK STATION	Alternative to Regulatory Guide 1.61 Damping Values		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.7(B)-38
		_	1 1



SEABROOK STATION	Multi-Degree of Freedom System		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.7(N)-1
		1 iguic	3.7(11)-1