SEABROOK STATION	Containment Structure Mat Reinforcing [2 Sheets]	
UPDATED FINAL SAFETY		
ANTAL MOTO DEPONE		
ANALYSIS REPORT	Figure 3.8-1 Sh. 1 of 2	

SEABROOK STATION	Containment Structure Mat Reinforcing [2 Sheets]	
UPDATED FINAL SAFETY		
ANTAL MOTO DEPONE		
ANALYSIS REPORT	Figure 3.8-1 Sh. 2 of 2	

SEABROOK STATION	Containment Structure Typical Reinforcing	
UPDATED FINAL SAFETY		
Assessan Depone		
ANALYSIS REPORT	Figure 3.8-2	

See 101441 See 101444

SEABROOK STATION UPDATED FINAL SAFETY	Containment Structure Equipment Hatch Typical Reinforcing [2 Sheets]
ANALYSIS REPORT	Figure 3.8-3 Sh. 1 of 2

SEABROOK STATION UPDATED FINAL SAFETY	Containment Structure Equal Reinforcing [2 Sheets]	quipment Hatch Typical
ANALYSIS REPORT		Figure 3.8-3 Sh. 2 of 2

SEABROOK STATION UPDATED FINAL SAFETY	Containment Structure Per Reinforcing [2 Sheets]	ersonnel Air Lock Typical
ANALYSIS REPORT		Figure 3.8-4 Sh. 1 of 2

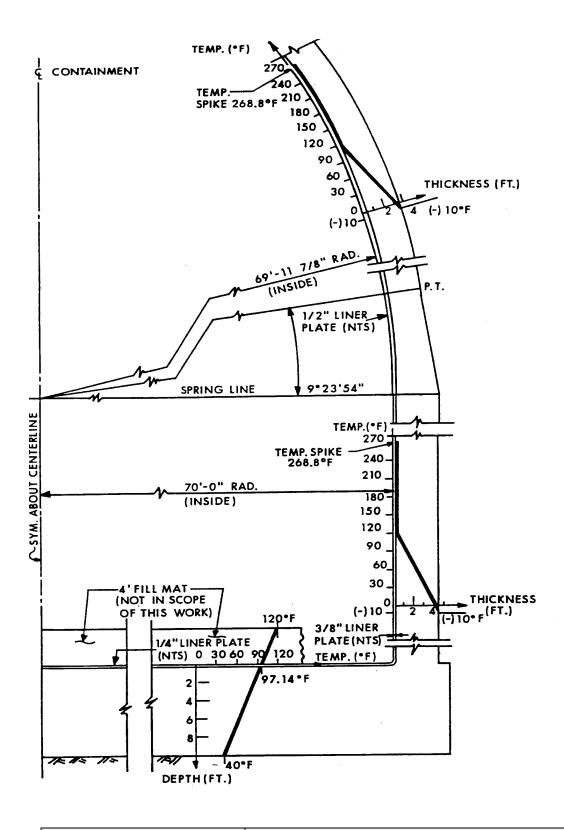
SEABROOK STATION UPDATED FINAL SAFETY	Containment Structure Per Reinforcing [2 Sheets]	ersonnel Air Lock Typical
ANALYSIS REPORT		Figure 3.8-4 Sh. 2 of 2

SEABROOK STATION	Containment Structure Liner Details [2 Sheets]	
UPDATED FINAL SAFETY		
ANALYZIZ DEDODE		
ANALYSIS REPORT	Figure 3.8-5 Sh. 1 of 2	

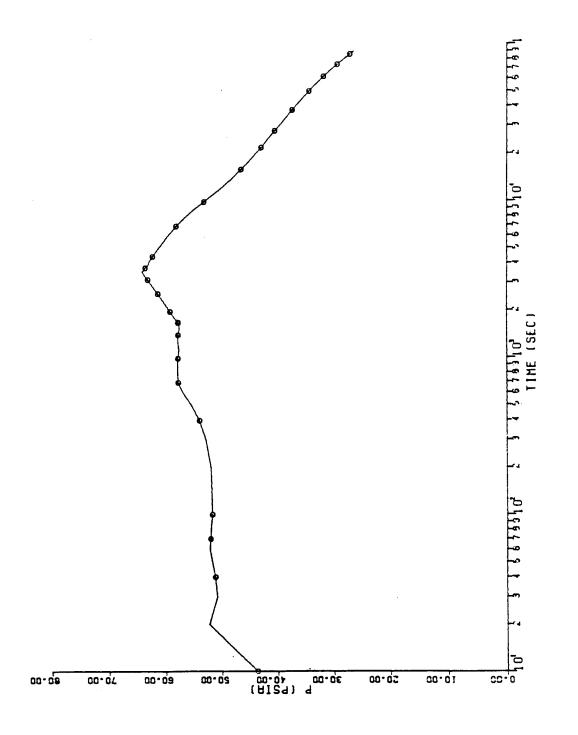
SEABROOK STATION	Containment Structure Liner Details [2 Sheets]	
UPDATED FINAL SAFETY		
Assertance Deposit		
ANALYSIS REPORT	Figure 3.8-5 Sh. 2 of 2	

SEABROOK STATION	Containment Structure Reinforcing at Penetrations	
UPDATED FINAL SAFETY		
Assertance Deposit		
ANALYSIS REPORT		Figure 3.8-6

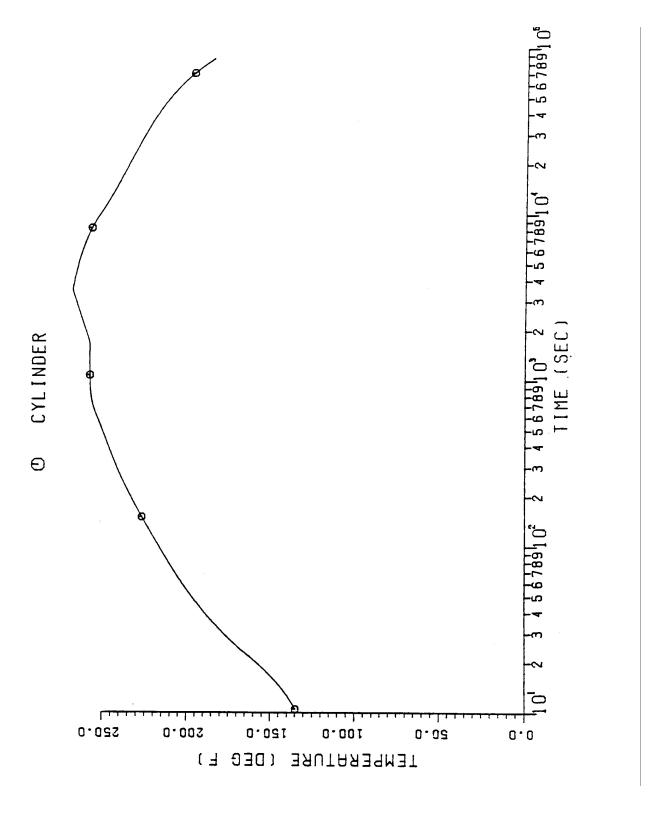
SEABROOK STATION	Containment Structure Dome Reinforcing	
UPDATED FINAL SAFETY		
AND A TAKER DEPONE		<u> </u>
ANALYSIS REPORT		Figure 3.8-7



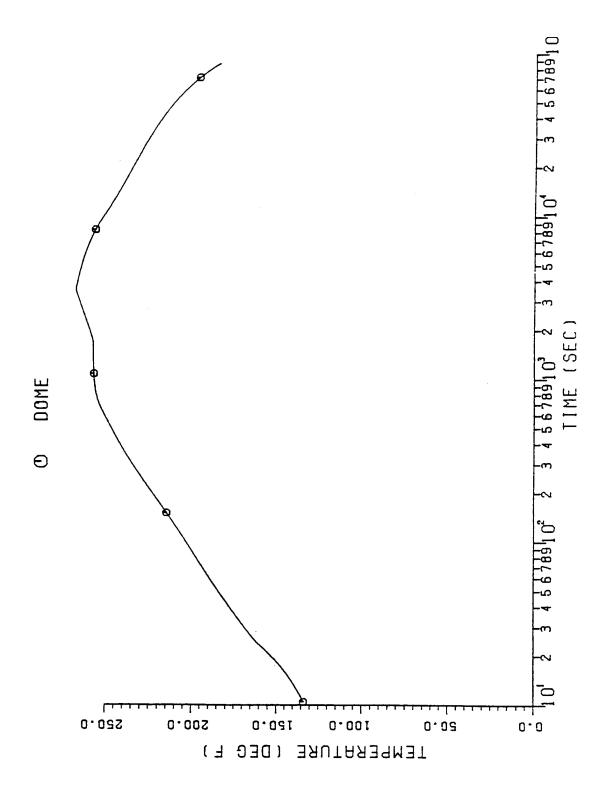
SEABROOK STATION	Design Temperature Grad	lient through Containment Wall
UPDATED FINAL SAFETY		
ANALYSIS REPORT		Figure 3.8-8
		1 iguie 5.6 6



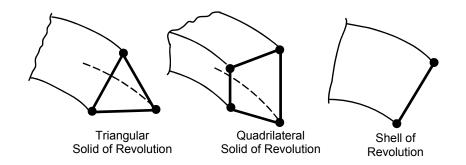
SEABROOK STATION	Containment Pressure Tra	ansients Following a LOCA
UPDATED FINAL SAFETY		
ANALYSIS REPORT		Figure 3.8-9

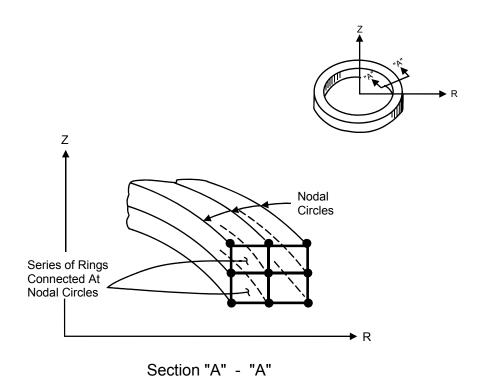


SEABROOK STATION	Containment Cylinder Lin	ner Temperature Tr	ransients Curve
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.8-10



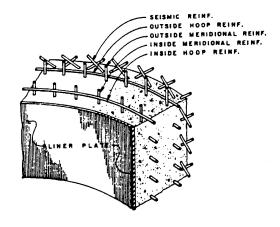
SEABROOK STATION	Containment Dome Liner	Temperature Transients Curve	
UPDATED FINAL SAFETY			
ANALYSIS REPORT			
THAIL I SIG TELI ORT		Figure 3.8-11	





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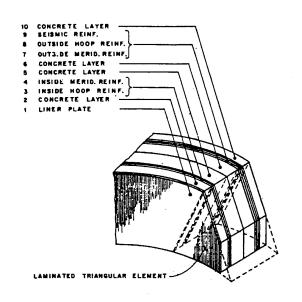
SEABROOK STATION	Axisymetric Modeling Elements		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.8-12



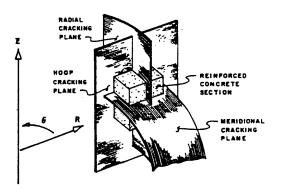
LINER ELEMENT

TYPICAL SECTION THROUGH REINFORCED CONCRETE WALL

EQUIVALENT LAMINATED CONTAINMENT WALL

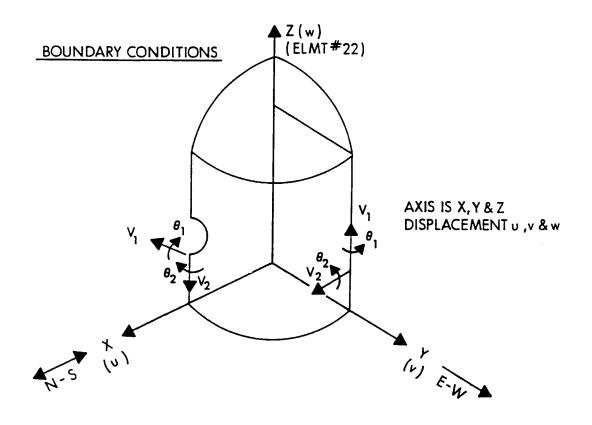


IDEALIZED MATERIAL MODEL

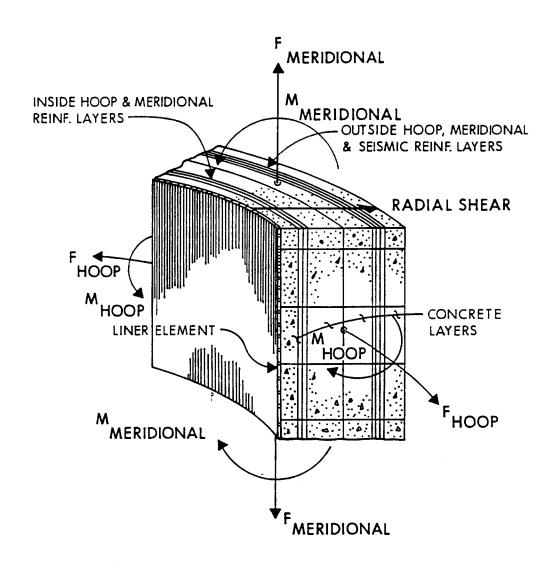


CONCRETE CRACKING PLANES AND ASSOCIATED COORDINATE DIRECTIONS

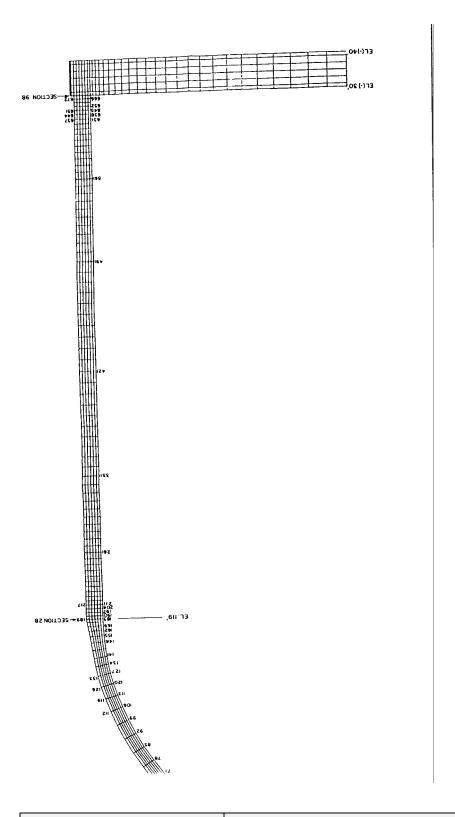
SEABROOK STATION	Reinforced Concrete Idealization		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.8-13



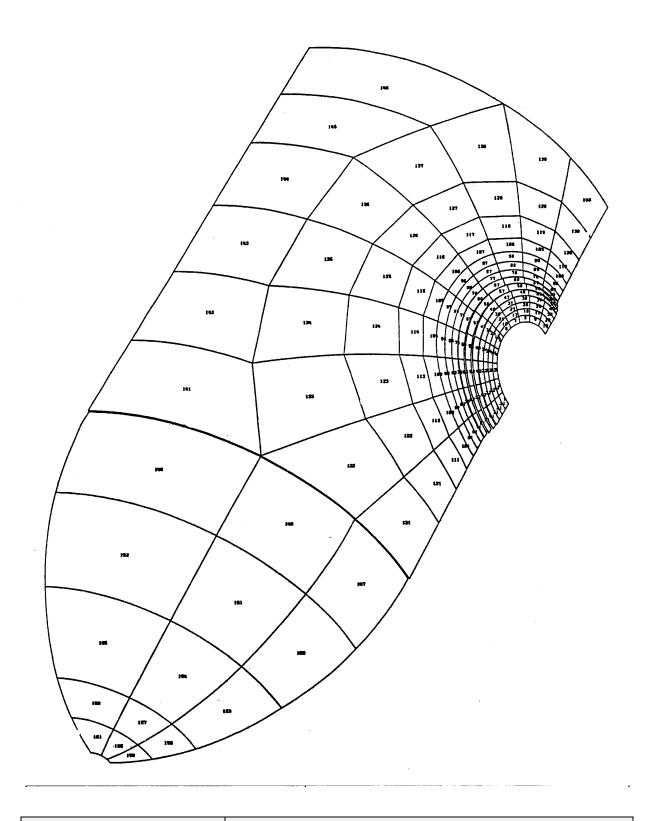
SEABROOK STATION UPDATED FINAL SAFETY	Boundary Conditions for Equipment Hatch Analysis - Model Sketch		nalysis - Model
ANALYSIS REPORT		Figure	3.8-14



SEABROOK STATION UPDATED FINAL SAFETY	Shell Section Illustrating Resultants	Computed Force and Moment	
ANALYSIS REPORT		Figure 3.8-15	



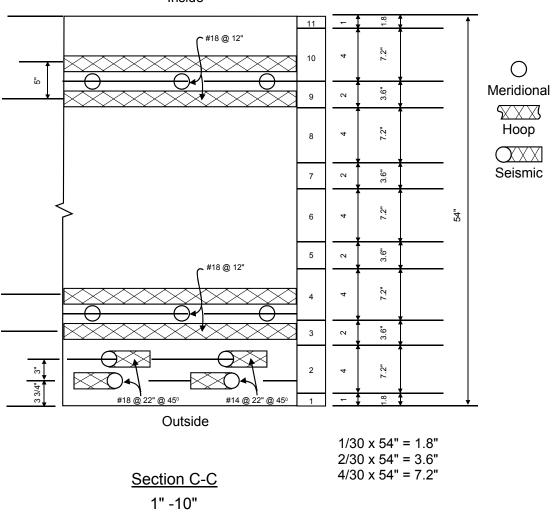
SEABROOK STATION	Containment Axisymetric	Model	
UPDATED FINAL SAFETY			
ANALYSIS REPORT		<b>†</b>	
ANALYSIS REPORT		Figure	3.8-16



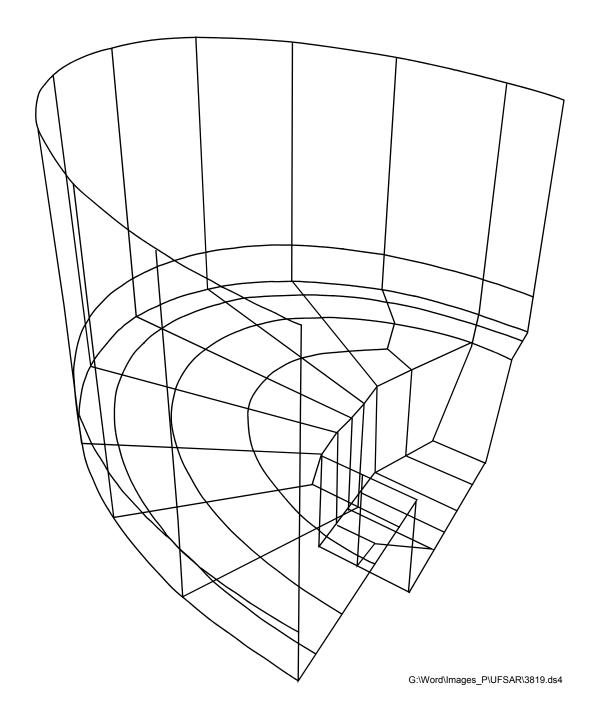
SEABROOK STATION UPDATED FINAL SAFETY	Three-Dimensional Finite Element Model for Equipment Hatch Analysis		
Analysis Report		Figure 3.8-17	

## Rebar in Membrane Region From El. 80' - 0" To El. 119" -0"

## Inside



SEABROOK STATION	Layered Cross Section M	odel for MARC-CDC Element 22
UPDATED FINAL SAFETY		
ANALYSIS REPORT		Figure 3.8-18



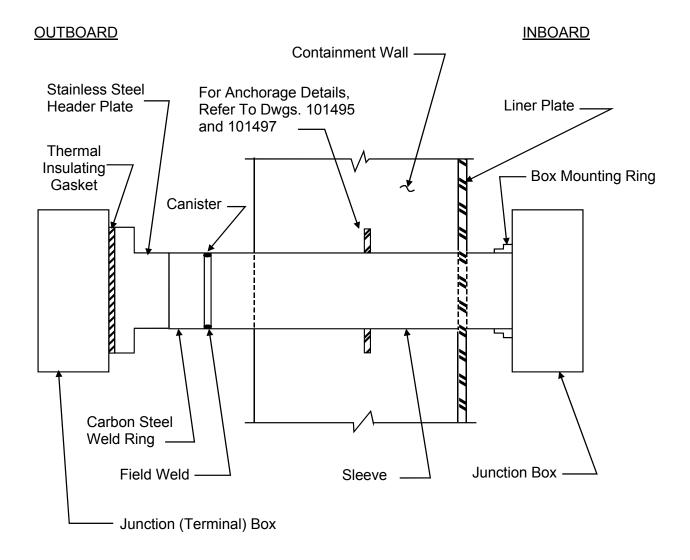
SEABROOK STATION	Finite Element Model of	Containment Mat	_
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.8-19

SEABROOK STATION	Containment Structure Personnel Airlock	
UPDATED FINAL SAFETY		
Assertance Deposit		
ANALYSIS REPORT		Figure 3.8-20

SEABROOK STATION UPDATED FINAL SAFETY	Containment Structure Equipment Hatch with Personnel Airlock	
ANALYSIS REPORT		Figure 3.8-21

SEABROOK STATION	Typical High Energy Piping Penetration	
UPDATED FINAL SAFETY		
ANIAT MOTO DEPORT		
ANALYSIS REPORT		Figure 3.8-22

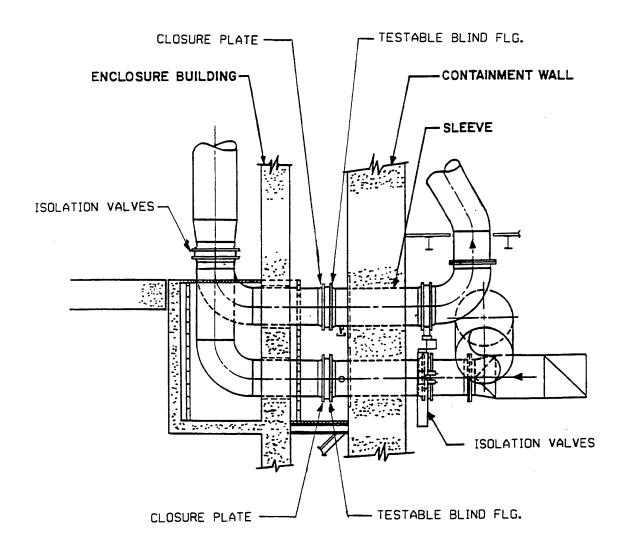
SEABROOK STATION	Typical Moderate Energy Piping Penetration	
UPDATED FINAL SAFETY		
ANIAL MOIG DEPORT		
ANALYSIS REPORT		Figure 3.8-23



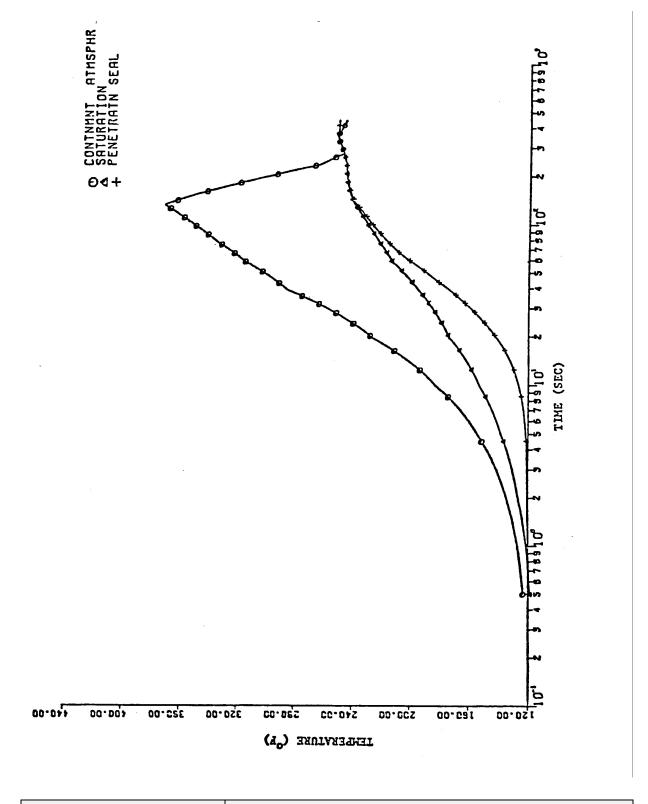
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SEABROOK STATION	Typical Electrical Penetra	ation	
UPDATED FINAL SAFETY			
ANALYGIG DEDODE		i	
ANALYSIS REPORT		Figure	3.8-24

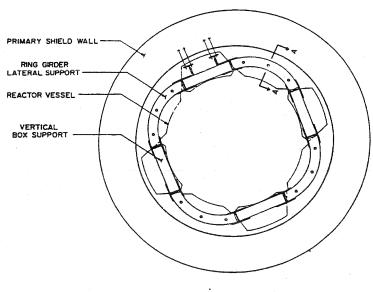
SEABROOK STATION	Typical Ventilation Penetration		
UPDATED FINAL SAFETY			
Assessment Depone			
ANALYSIS REPORT		Figure 3.8-25	



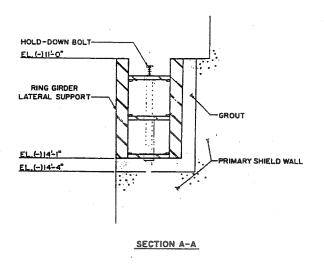
SEABROOK STATION	Typical Ventilation Penetration		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Eigura	2 9 26
		Figure	3.8-26



SEABROOK STATION UPDATED FINAL SAFETY	Electrical Penetration Seal Temperature Response Following 0.84 ft <sup>2</sup> Split Rupture at 75% Power
ANALYSIS REPORT	Figure 3.8-27

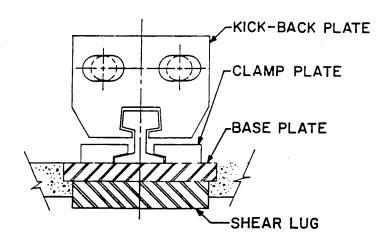


PLAN AT EL.(-)II-0"

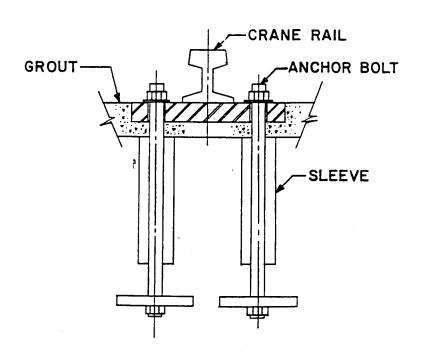


SEABROOK STATION	Reactor Vessel Lateral Su	ipport	
UPDATED FINAL SAFETY			
ANALYSIS REPORT		r.	2.0.20
		Figure	3.8-28

SEABROOK STATION UPDATED FINAL SAFETY	Primary Shield Wall Main Reinforcement and Anchorage System	
ANALYSIS REPORT		Figure 3.8-29



## SECTION THROUGH CLAMP PLATES



## SECTION THROUGH ANCHOR BOLTS

NOTE: CLAMP PLATES AND KICK-BACK PLATES ARE ALTERNATELY SPACED 9" CENTER TO CENTER.

SEABROOK STATION UPDATED FINAL SAFETY	Design of Kick-Back Plat Anchor Bolts for Polar Cr	, <u>1</u>	se Plate and
ANALYSIS REPORT		Figure	3.8-30

See 101334 See 101337

SEABROOK STATION	Control Room Makeup Air Intake Structure East and West	
UPDATED FINAL SAFETY		
ANALYSIS REPORT		Figure 3.8-31

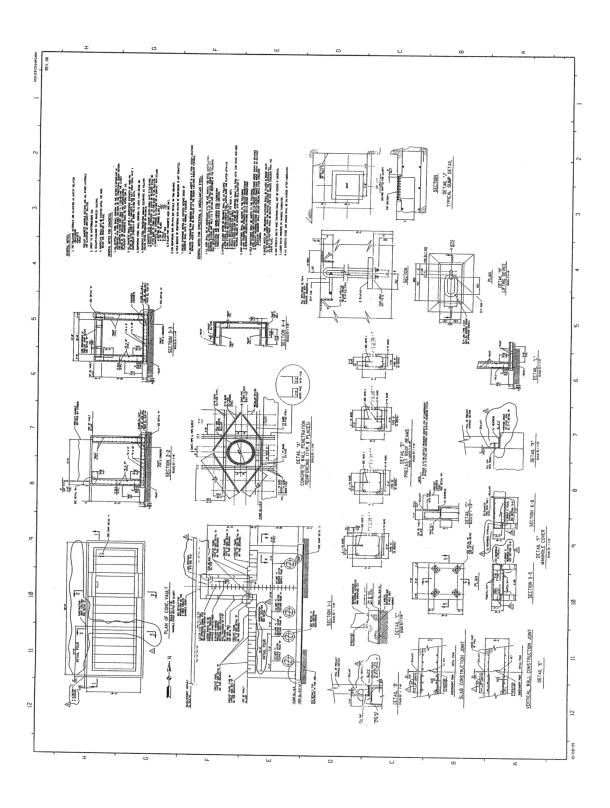
SEABROOK STATION	Enclosure for Condensate Storage Tank	
UPDATED FINAL SAFETY		
ANIAL VIGIG DEPORT		
ANALYSIS REPORT	Figure 3.8-32	

SEABROOK STATION	Pipe Tunnels (Typical)	
UPDATED FINAL SAFETY		
ANIAL VOIG DEDODT		
ANALYSIS REPORT		Figure 3.8-33

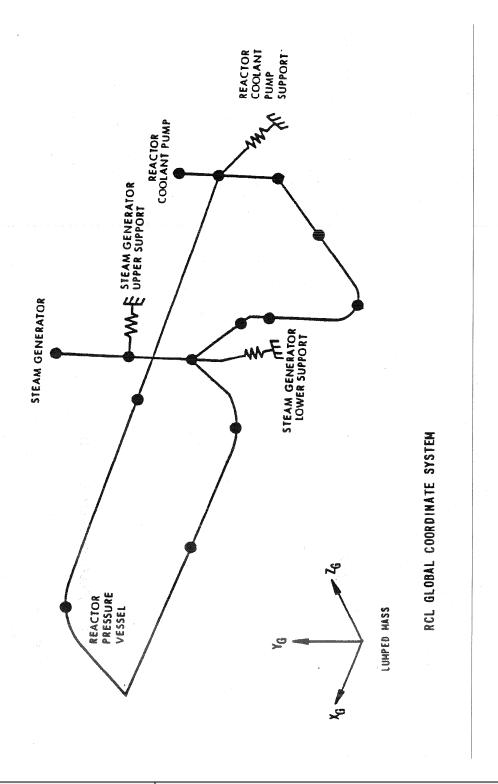
SEABROOK STATION UPDATED FINAL SAFETY	Safety-Related Electrical Duct Banks - Typical Cross Section	
ANALYSIS REPORT		Figure 3.8-34

SEABROOK STATION	Typical Safety-Related Electrical Manholes		
UPDATED FINAL SAFETY			
ANIAT MOTO DEPORT			
ANALYSIS REPORT		Figure 3.8-35	

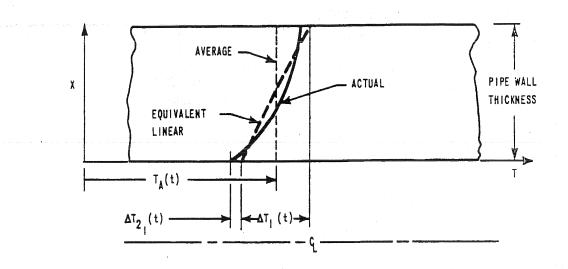
SEABROOK STATION	Typical Reinforcing Detail at Base Slab and Wall
UPDATED FINAL SAFETY	
ANALYSIS REPORT	
TINAL I SIS ICEI ORI	Figure 3.8-36



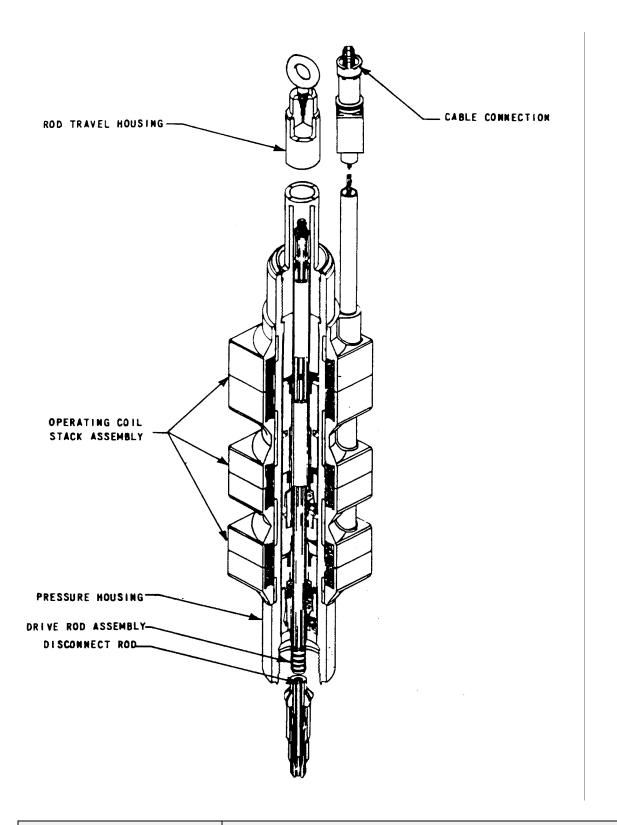
SEABROOK STATION UPDATED FINAL SAFETY	Service Water Pipe Acces Precast Roof Option	ss Vault Concrete Pl	an & Sections
ANALYSIS REPORT		Figure	3.8-37



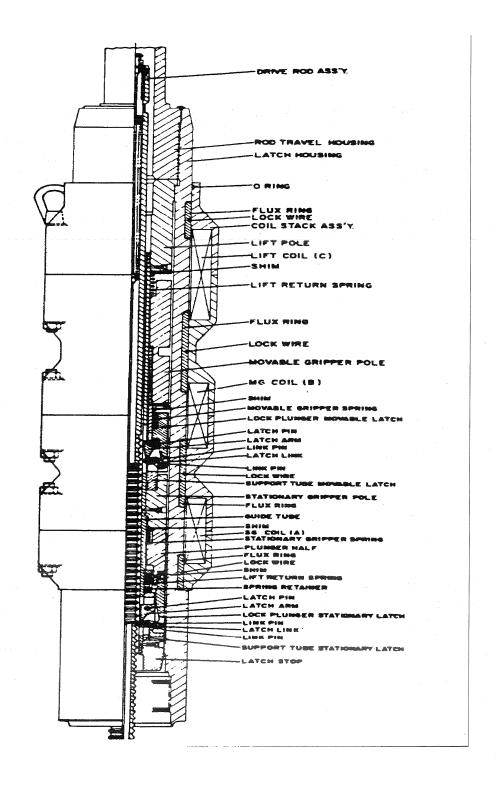
SEABROOK STATION UPDATED FINAL SAFETY	Reactor Coolant Loop Su Model	pport System, Dyr	namic Structural
ANALYSIS REPORT		Figure	3.9(N)-1



SEABROOK STATION	Through-Wall Thermal G	radients	
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.9(N)-2
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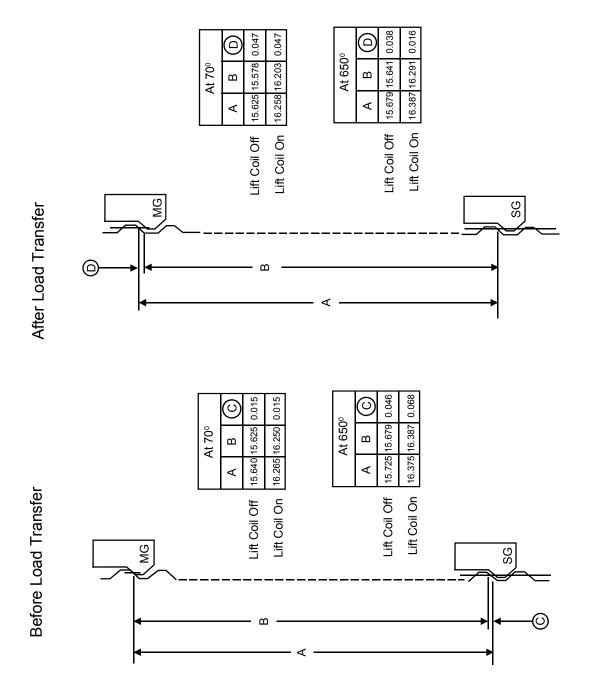


SEABROOK STATION	Control Rod Drive Mecha	anism	
UPDATED FINAL SAFETY			
ANALYSIS REPORT		1	
ANALYSIS REPORT		Figure	3.9(N)-3

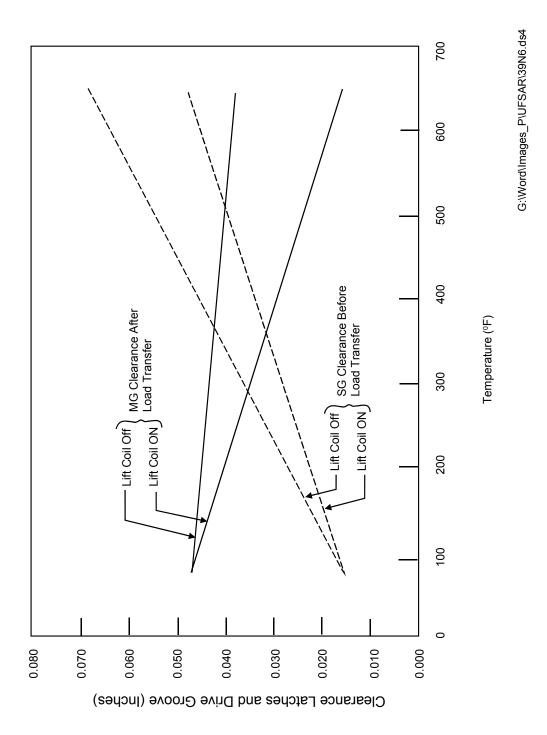


SEABROOK STATION UPDATED FINAL SAFETY	Control Rod Drive Mecha	nnism Schematic	
ANALYSIS REPORT		Figure	3.9(N)-4

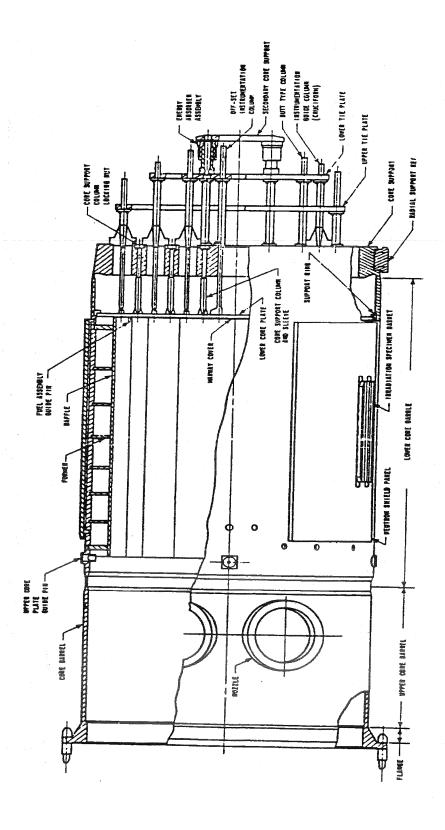




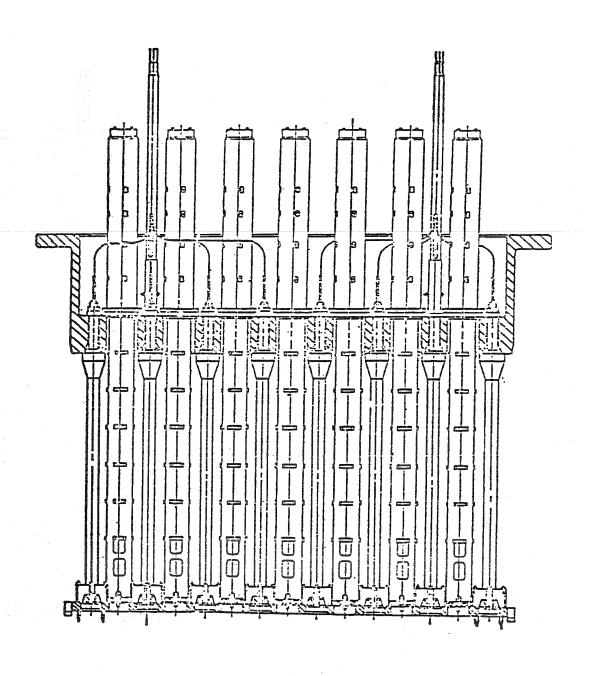
SEABROOK STATION UPDATED FINAL SAFETY	Nominal Latch Clearance Temperature	e at Minimum and Maximum
ANALYSIS REPORT		Figure 3.9(N)-5



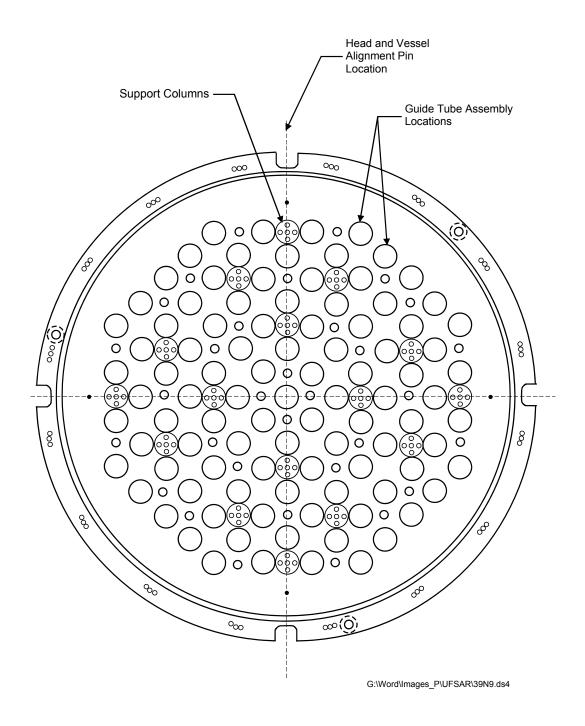
SEABROOK STATION UPDATED FINAL SAFETY	Control Rod Drive Mecha Effect	anism Latch Clear	ance Thermal
ANALYSIS REPORT		Figure	3.9(N)-6



SEABROOK STATION	Lower Core Support Asse	embly (Core Barre	el Assembly)
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.9(N)-7



SEABROOK STATION	Upper Core Support Structure		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		г.	2.0(NI) 0
		Figure	3.9(N)-8



SEABROOK STATION	Plan View of Upper Core Support Structure		
UPDATED FINAL SAFETY			
ANALYSIS REPORT		Figure	3.9(N)-9

See 1-NHY-300219

SEABROOK STATION	Service Environment Chart		
UPDATED FINAL SAFETY			
ANIAL MOIG DEPORT			
Analysis Report		Figure 3.11-1	