See 101401

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

See 101402

See 101435

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

See 101441
See 101444

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

See 101440

See 101442

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

See 101443

See 101461

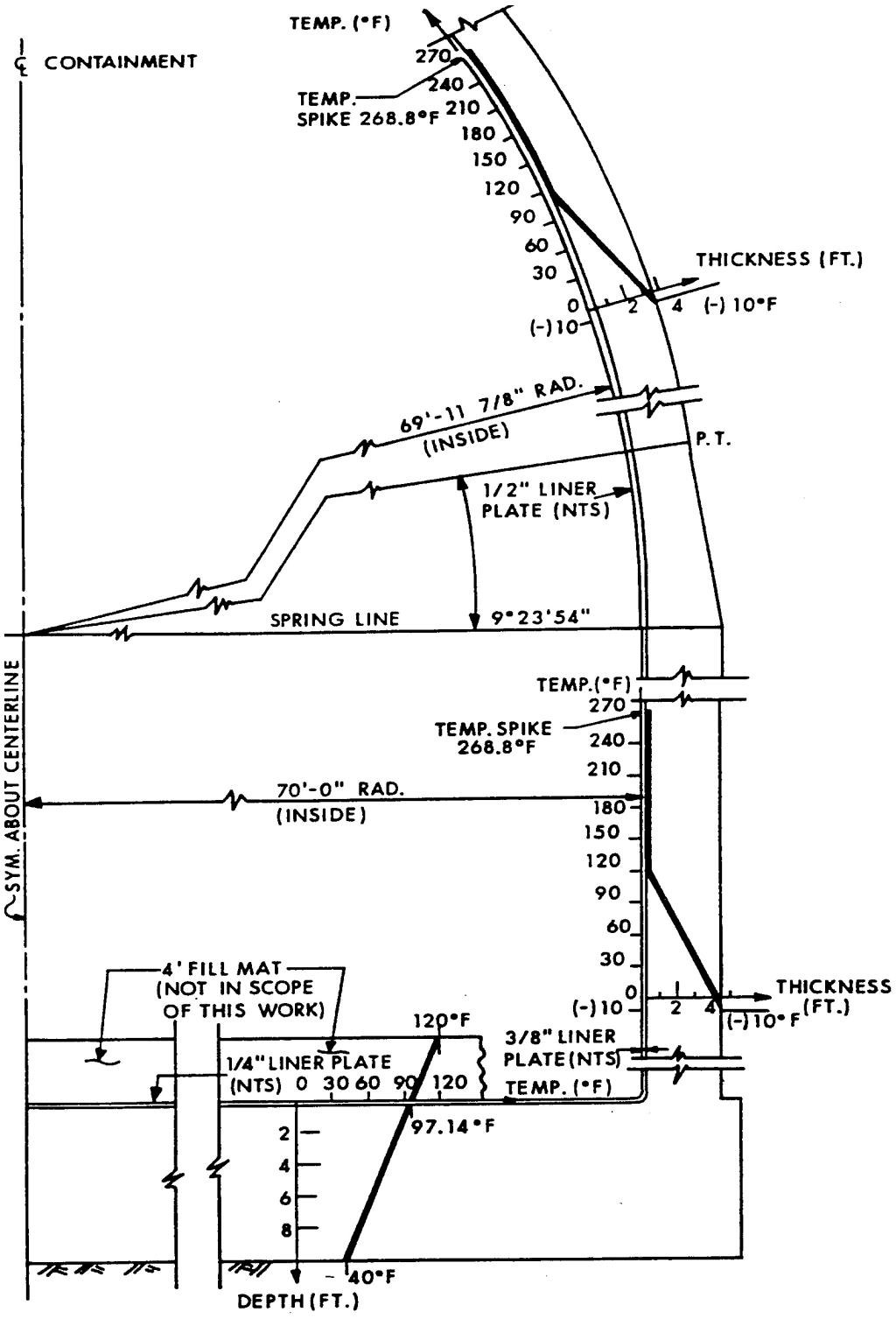
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Structure Liner Details [2 Sheets]	
		Figure 3.8-5 Sh. 1 of 2

See 101463

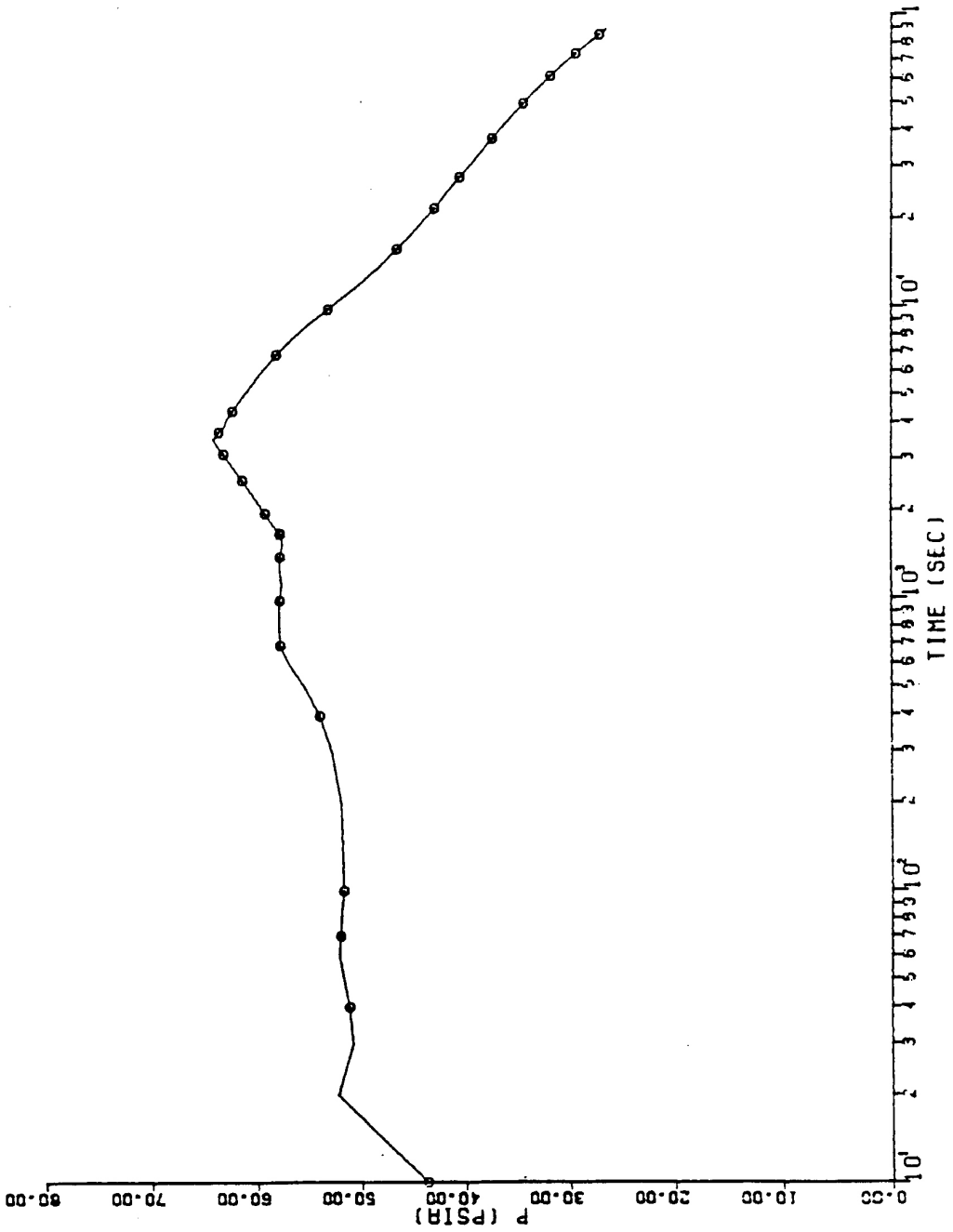
See 101438

See 101436

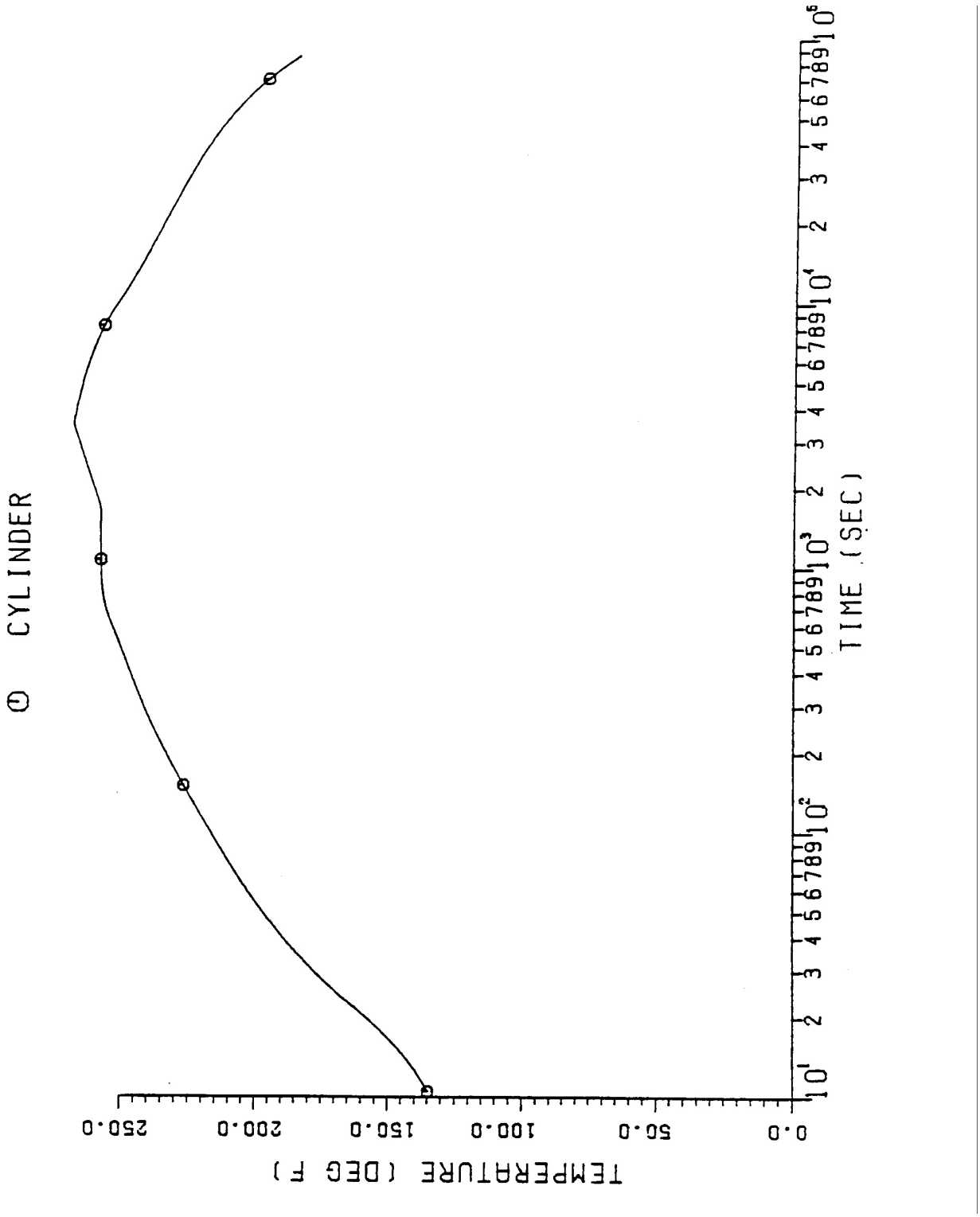
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Structure Dome Reinforcing	
		Figure 3.8-7



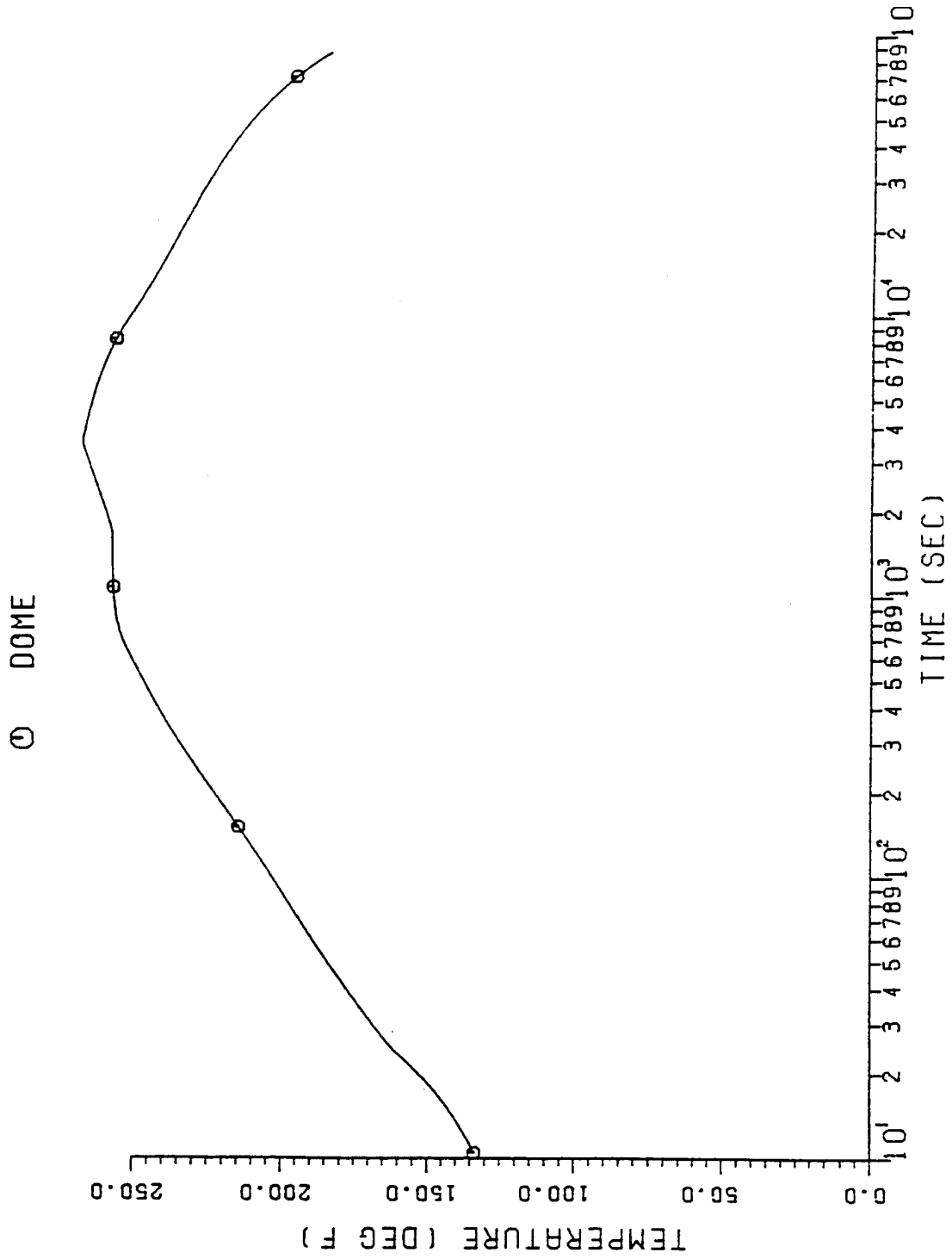
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Design Temperature Gradient through Containment Wall	
		Figure 3.8-8



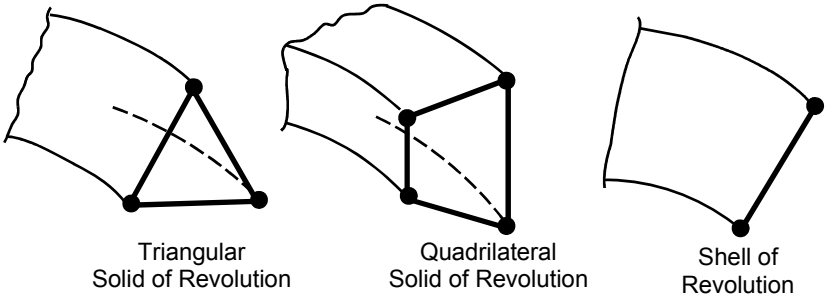
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Pressure Transients Following a LOCA	
		Figure 3.8-9

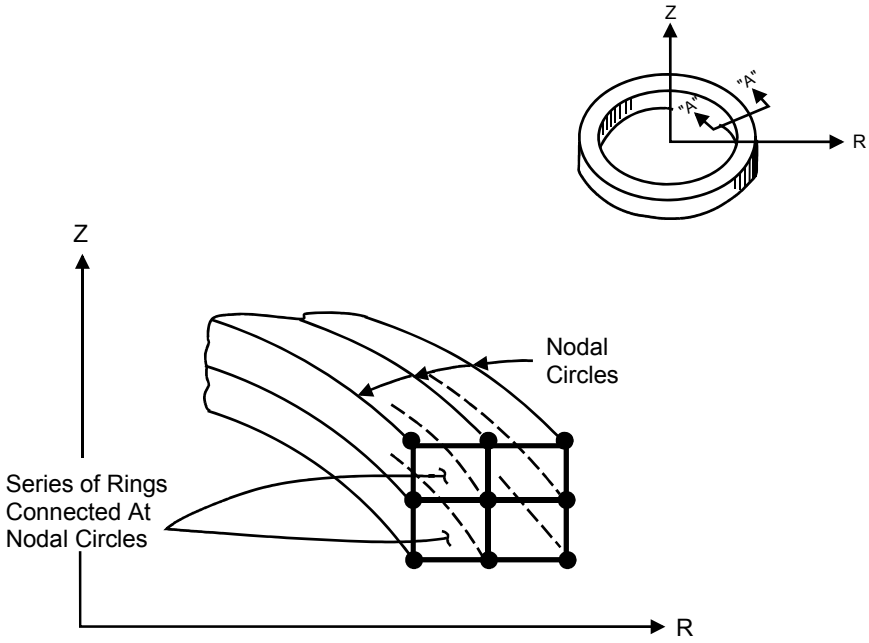


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Cylinder Liner Temperature Transients Curve	
		Figure 3.8-10



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Dome Liner Temperature Transients Curve	
		Figure 3.8-11





Section "A" - "A"

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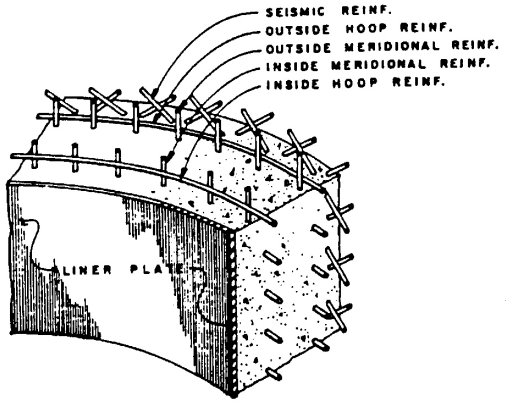
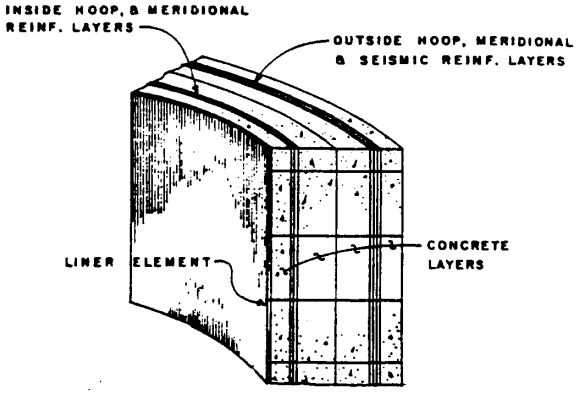
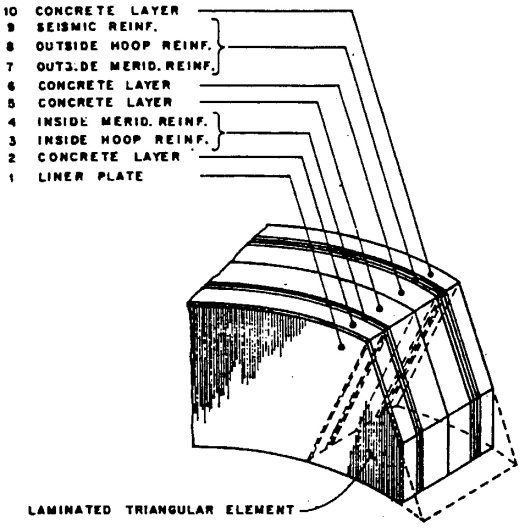
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Axisymetric Modeling Elements	
		Figure 3.8-12



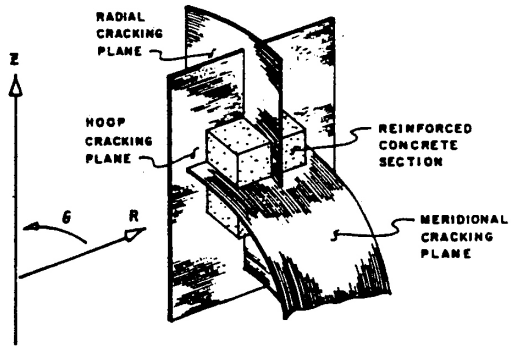
TYPICAL SECTION THROUGH REINFORCED CONCRETE WALL



EQUIVALENT LAMINATED CONTAINMENT WALL

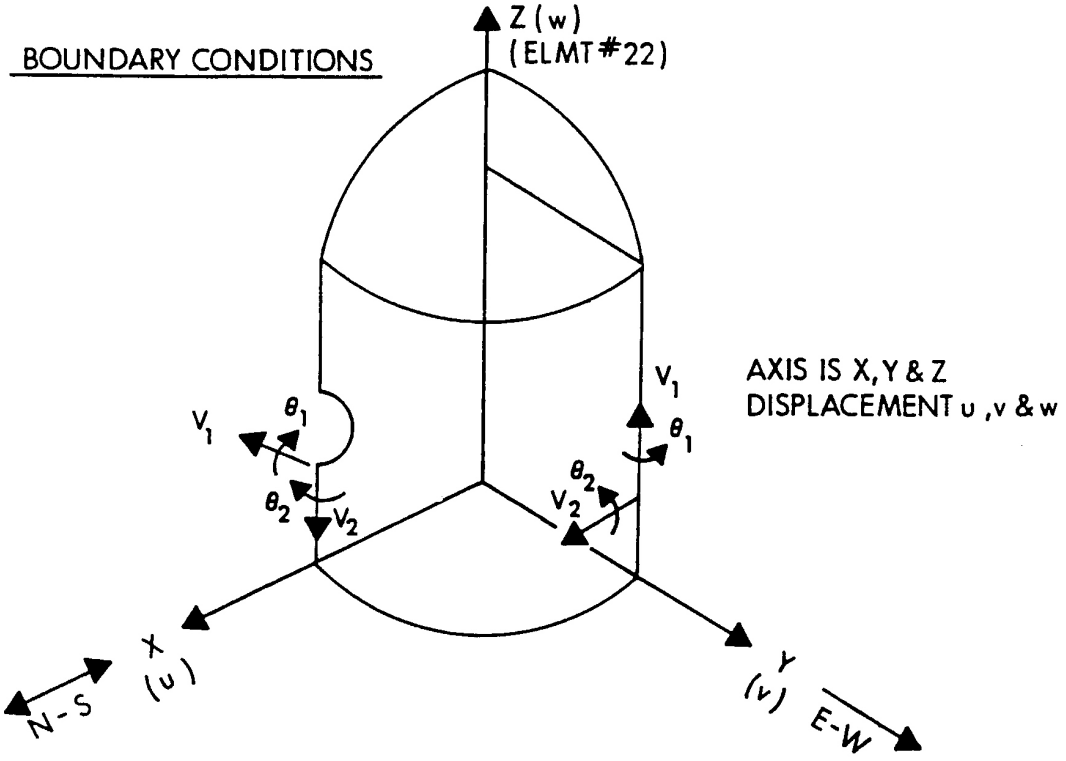


IDEALIZED MATERIAL MODEL

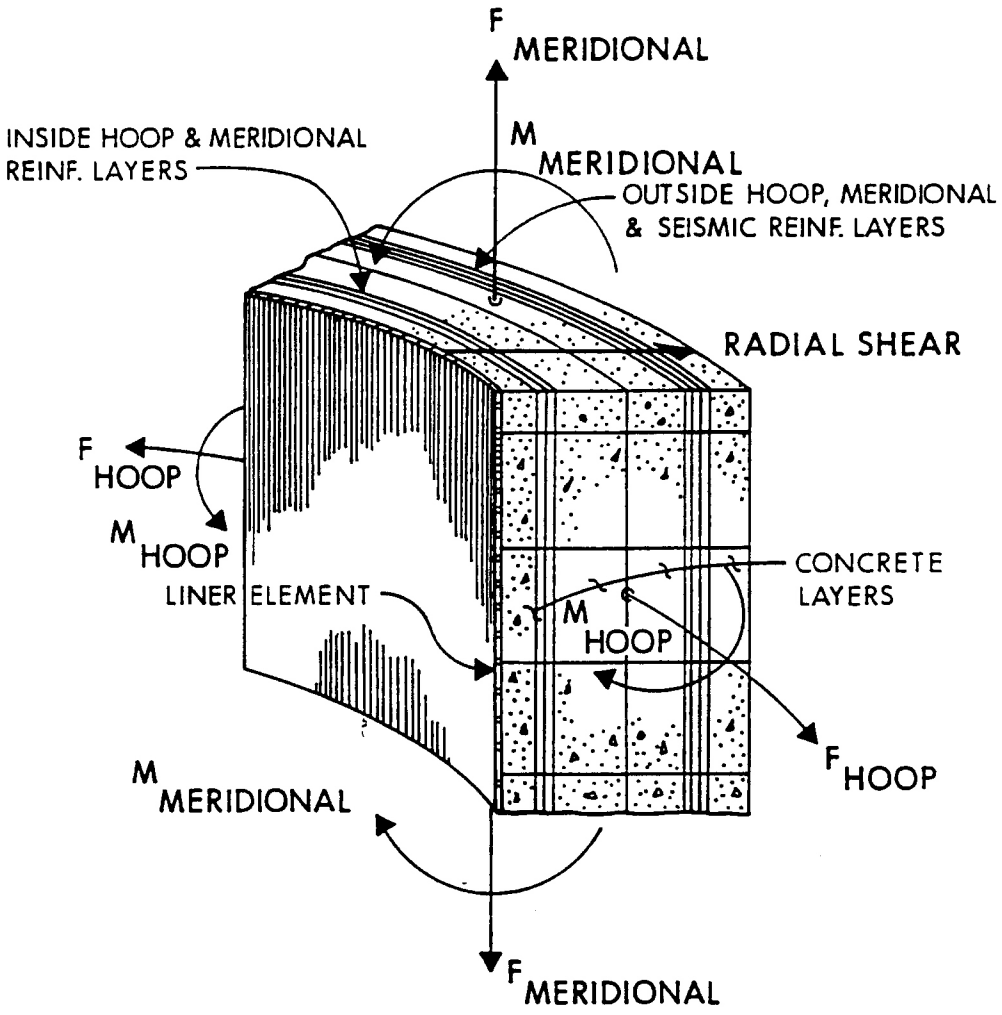


CONCRETE CRACKING PLANES AND ASSOCIATED COORDINATE DIRECTIONS

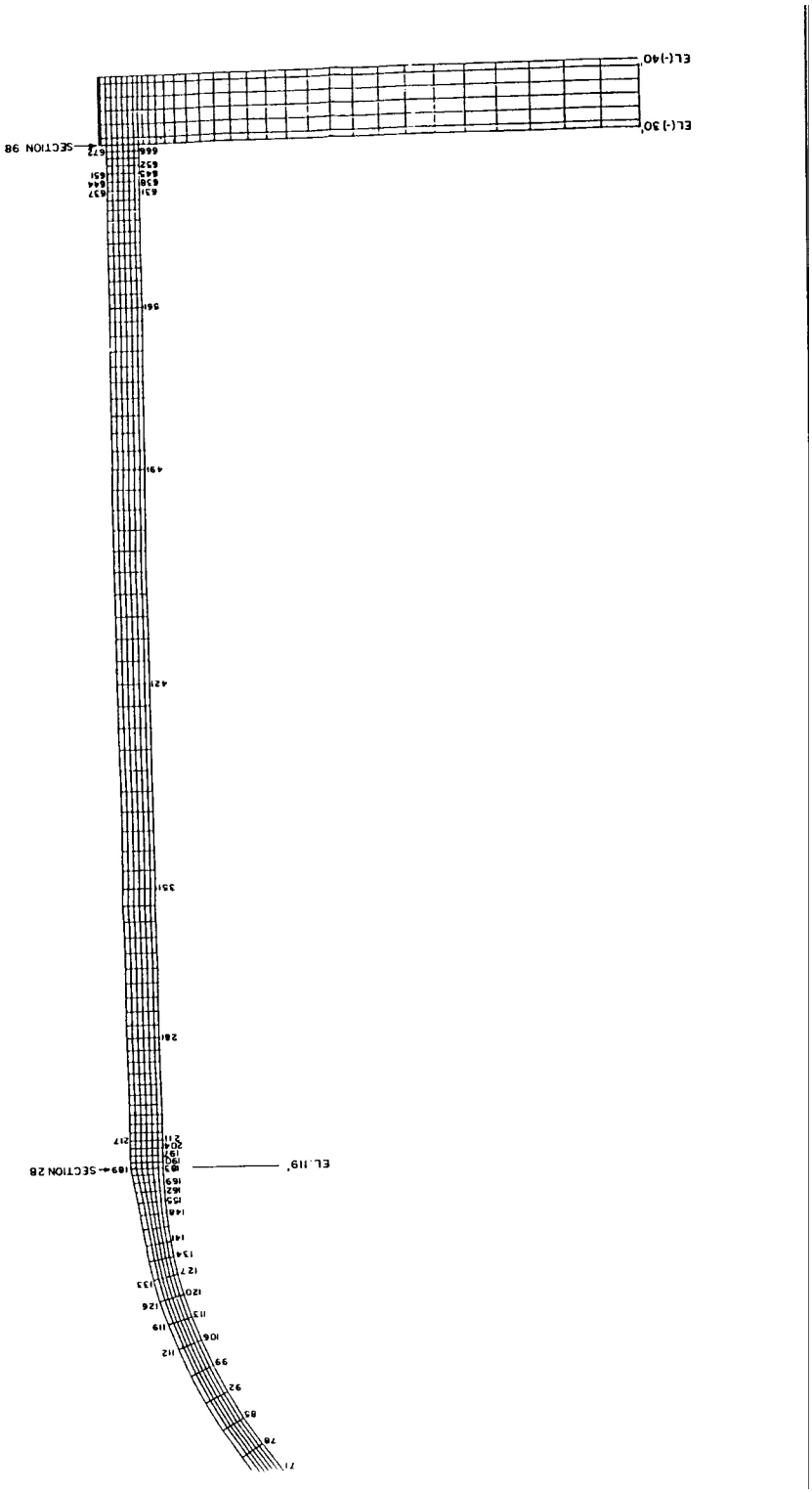
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Reinforced Concrete Idealization	
		Figure 3.8-13



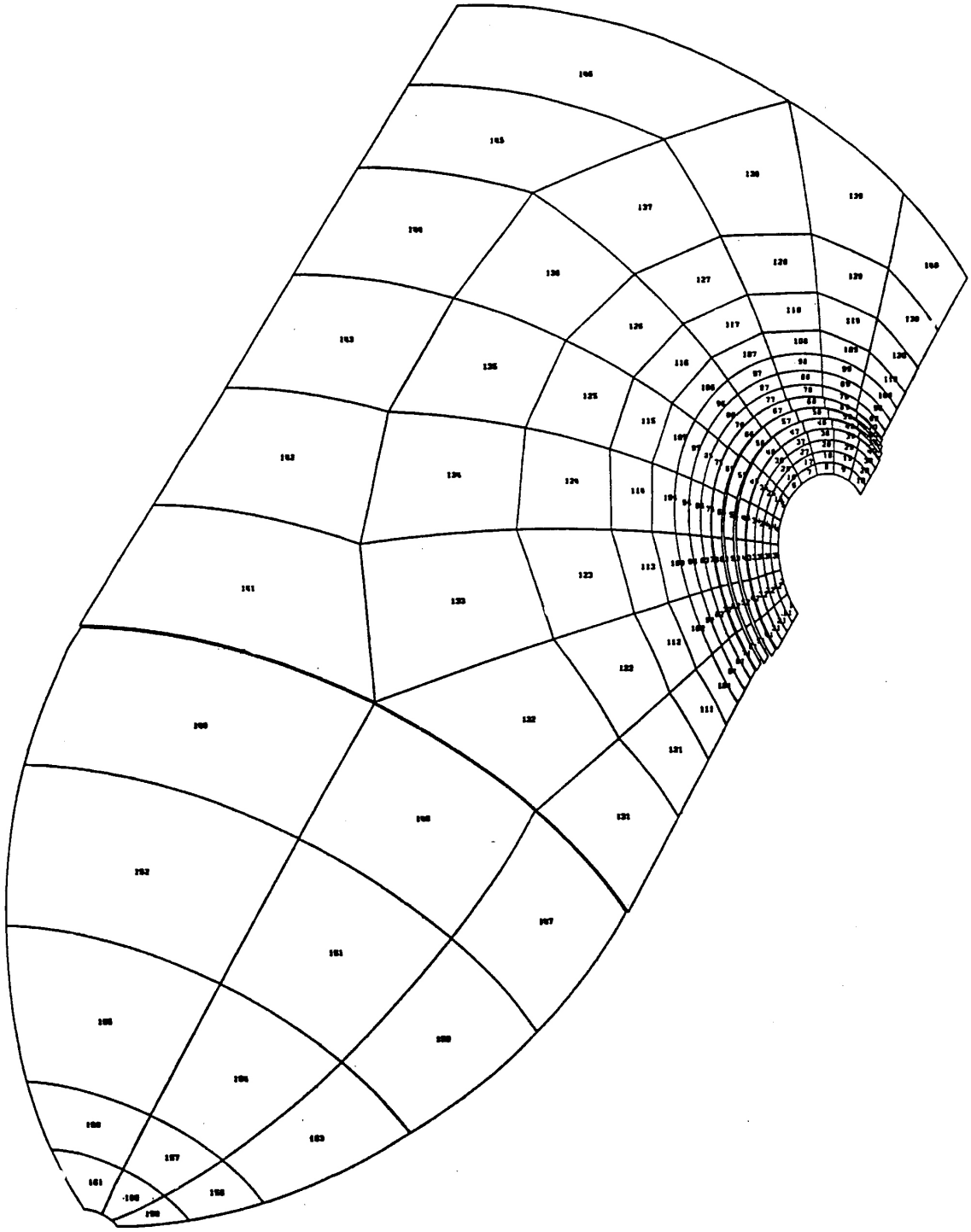
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Boundary Conditions for Equipment Hatch Analysis - Model Sketch	
		Figure 3.8-14



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

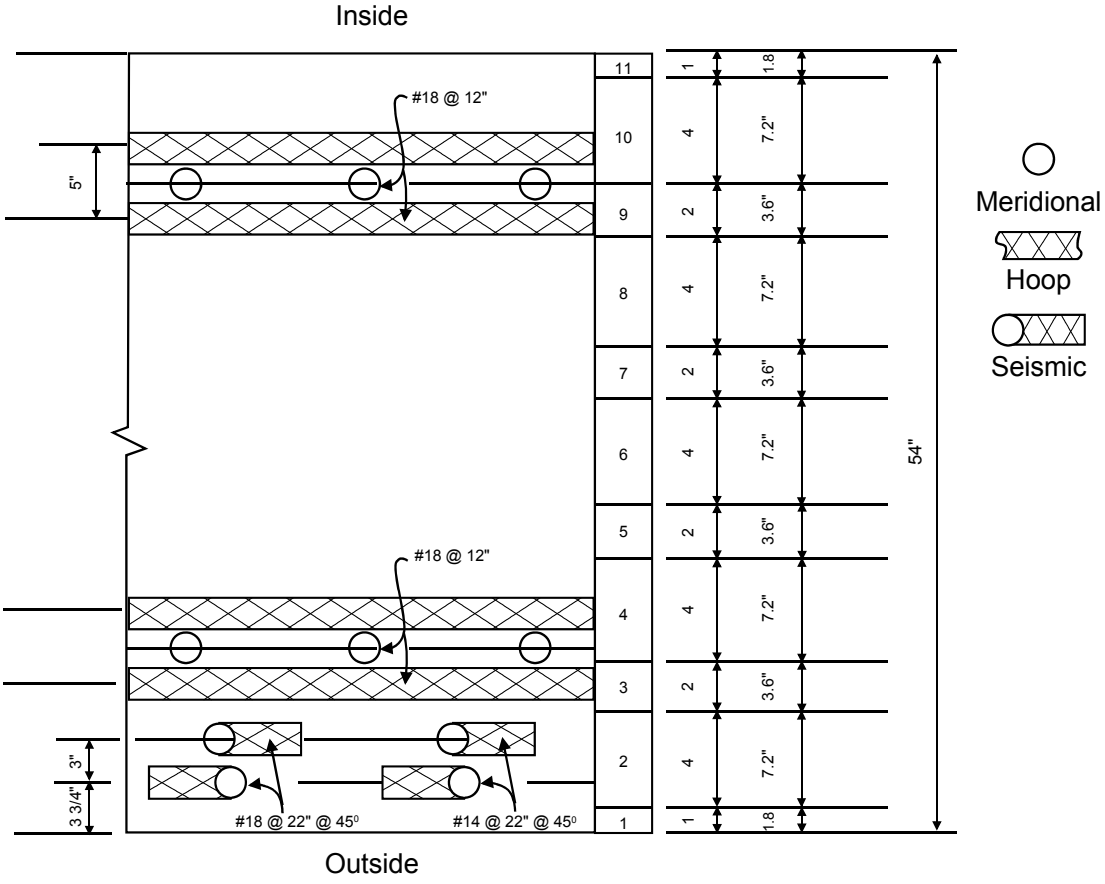


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Containment Axisymetric Model	
		Figure 3.8-16



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

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



1/30 x 54" = 1.8"
2/30 x 54" = 3.6"
4/30 x 54" = 7.2"

Section C-C

1" -10"

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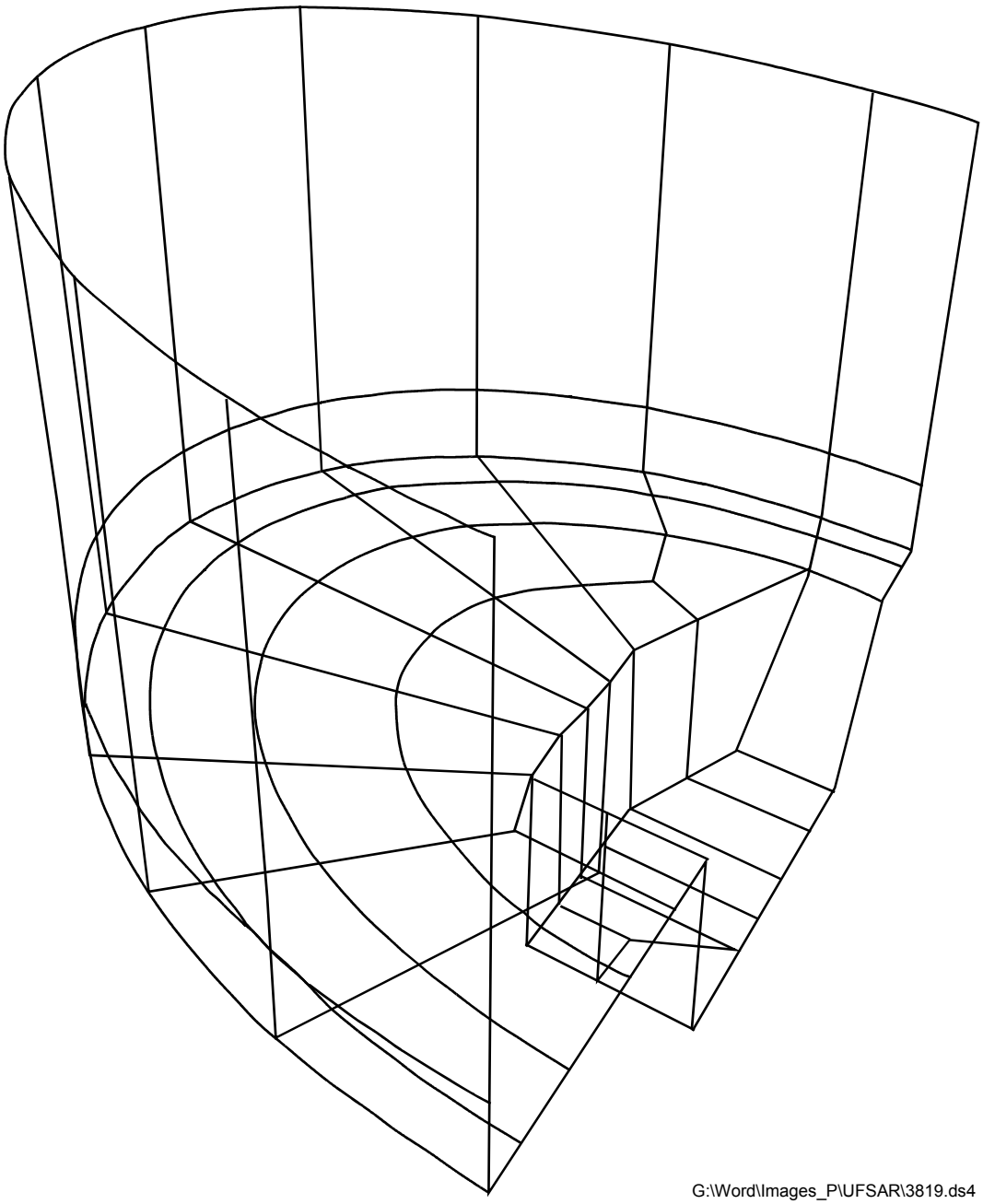
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Layered Cross Section Model for MARC-CDC Element 22	
		Figure 3.8-18



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

See 101496

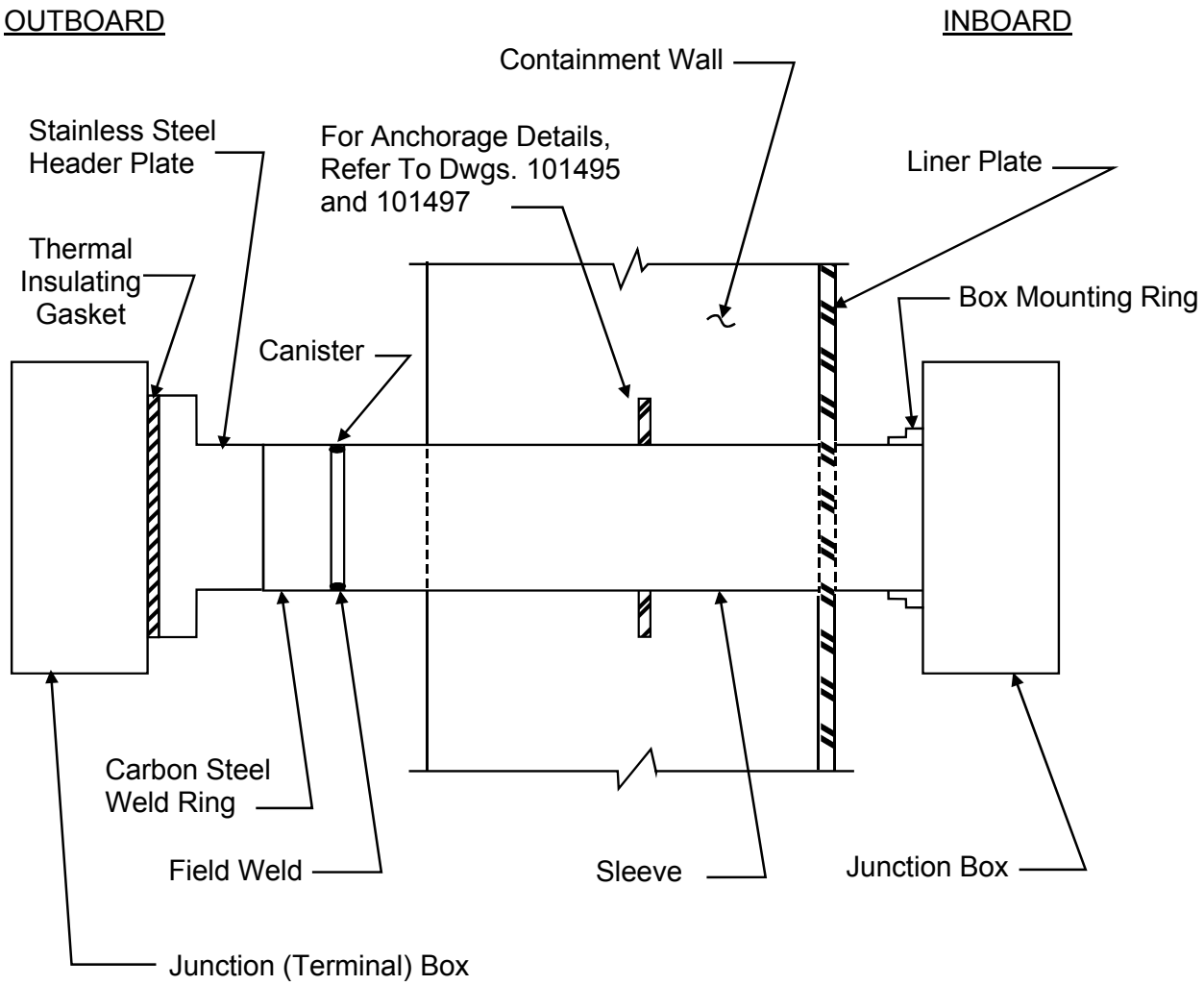
See 101496

See 805575

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

See 805575

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



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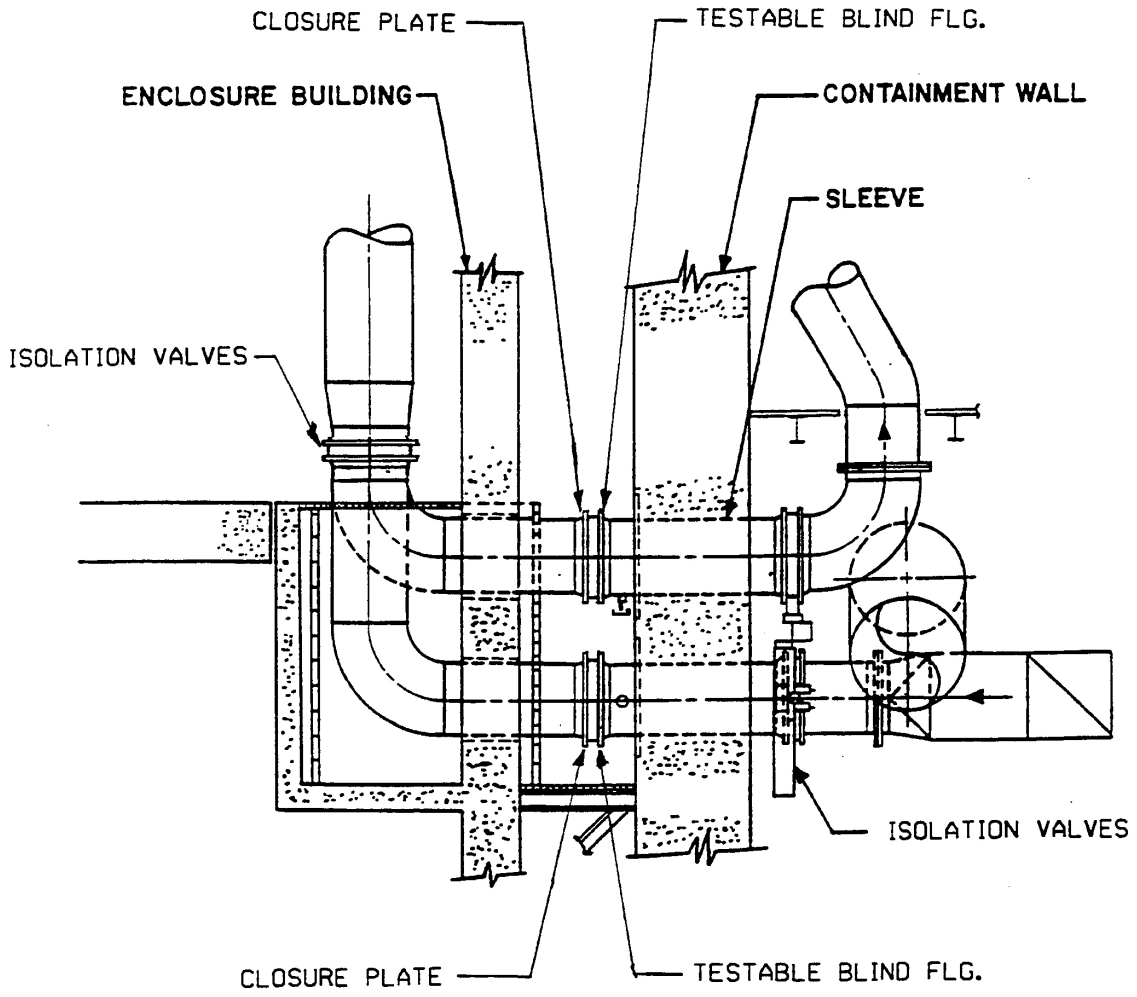
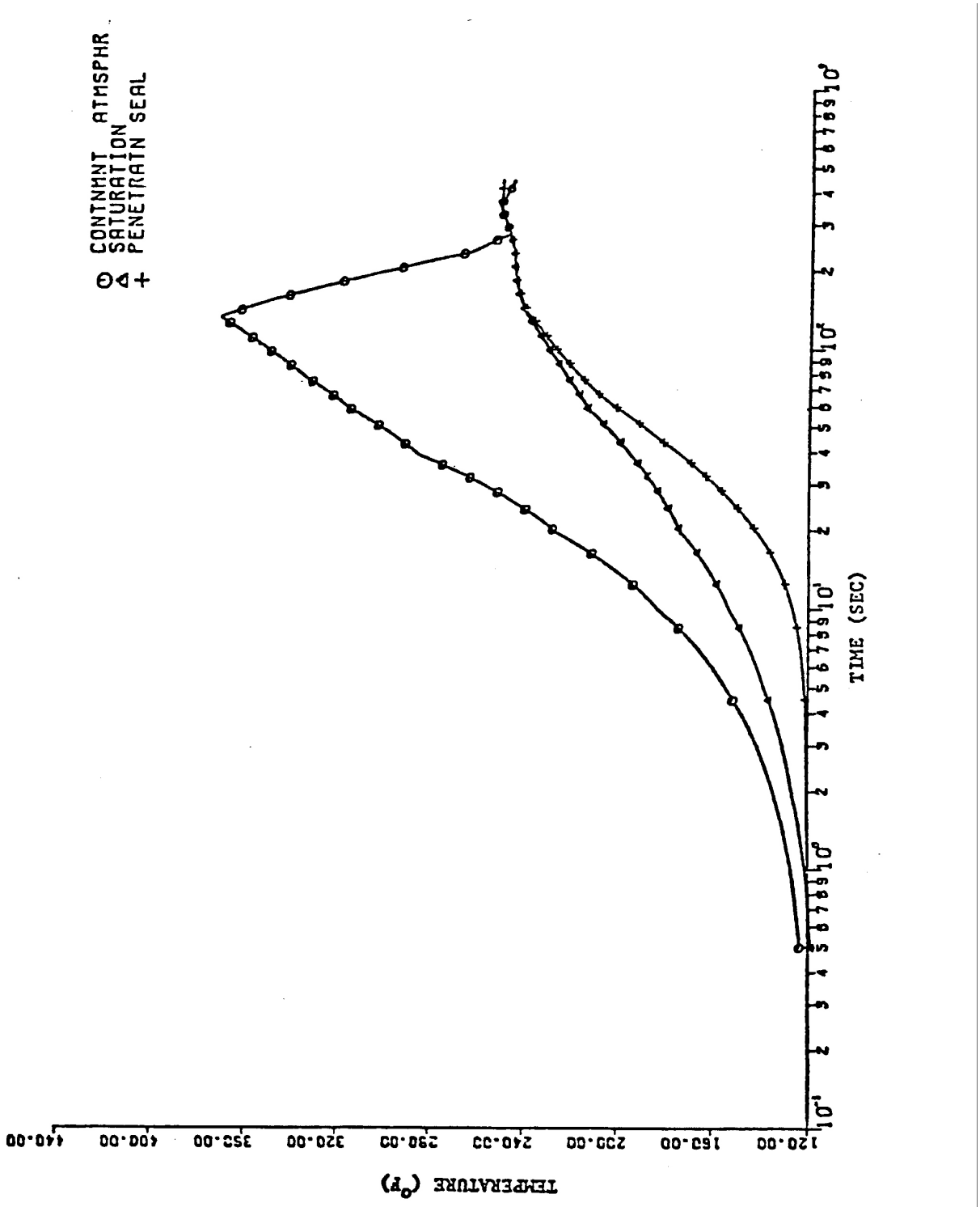
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Typical Electrical Penetration	
		Figure 3.8-24

See 805573

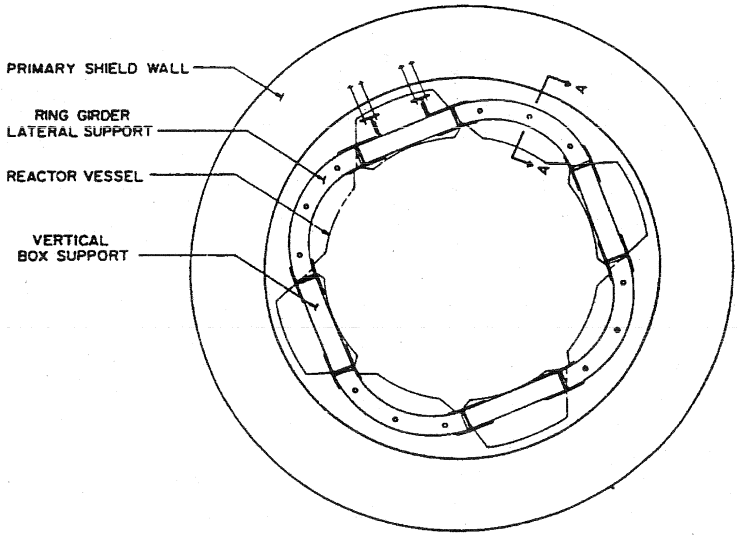
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Typical Ventilation Penetration	
		Figure 3.8-25



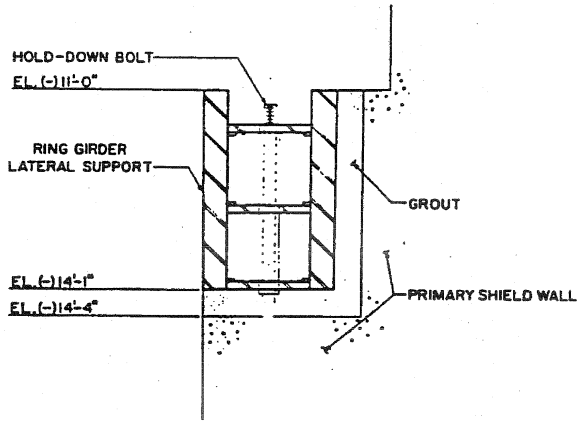
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Typical Ventilation Penetration	
		Figure 3.8-26



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



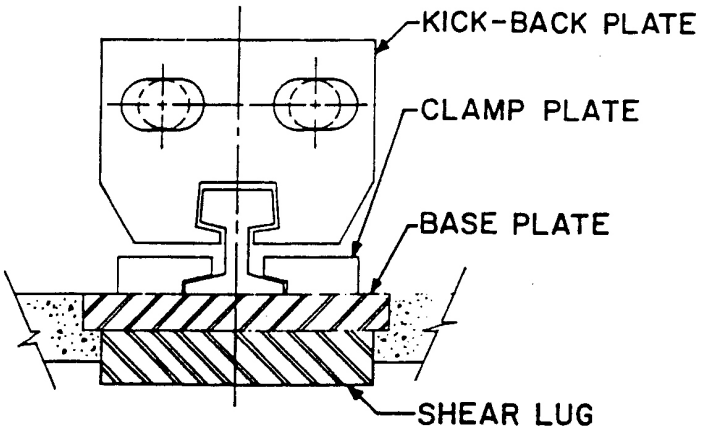
PLAN AT EL. (–) 11'-0"



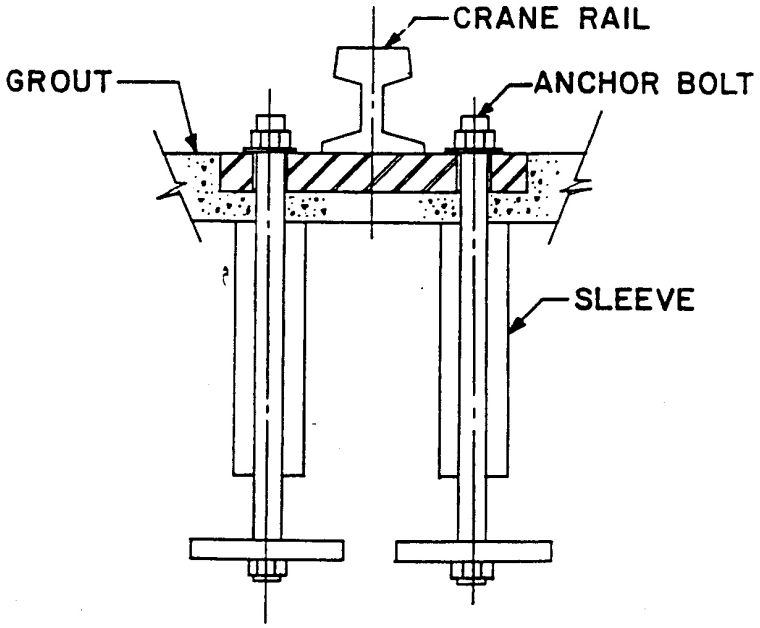
SECTION A-A

SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Reactor Vessel Lateral Support	
		Figure 3.8-28

See 101425



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 ANALYSIS REPORT	Design of Kick-Back Plate, Clamp Plate, Base Plate and Anchor Bolts for Polar Crane	
		Figure 3.8-30

See 101334
See 101337

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

See 101327

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

See 101635

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

See 101303

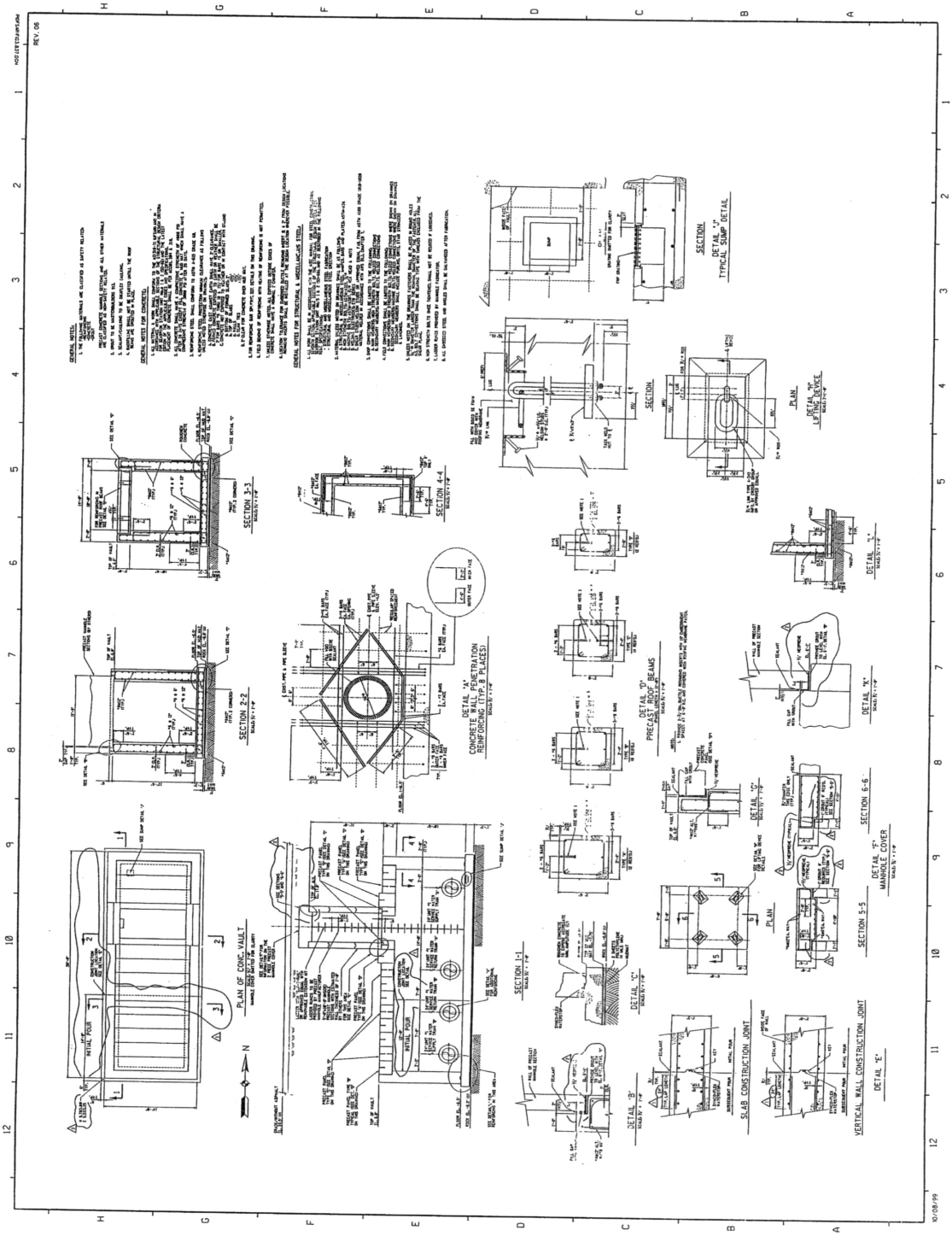
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Safety-Related Electrical Duct Banks - Typical Cross Section	
		Figure 3.8-34

See 101692

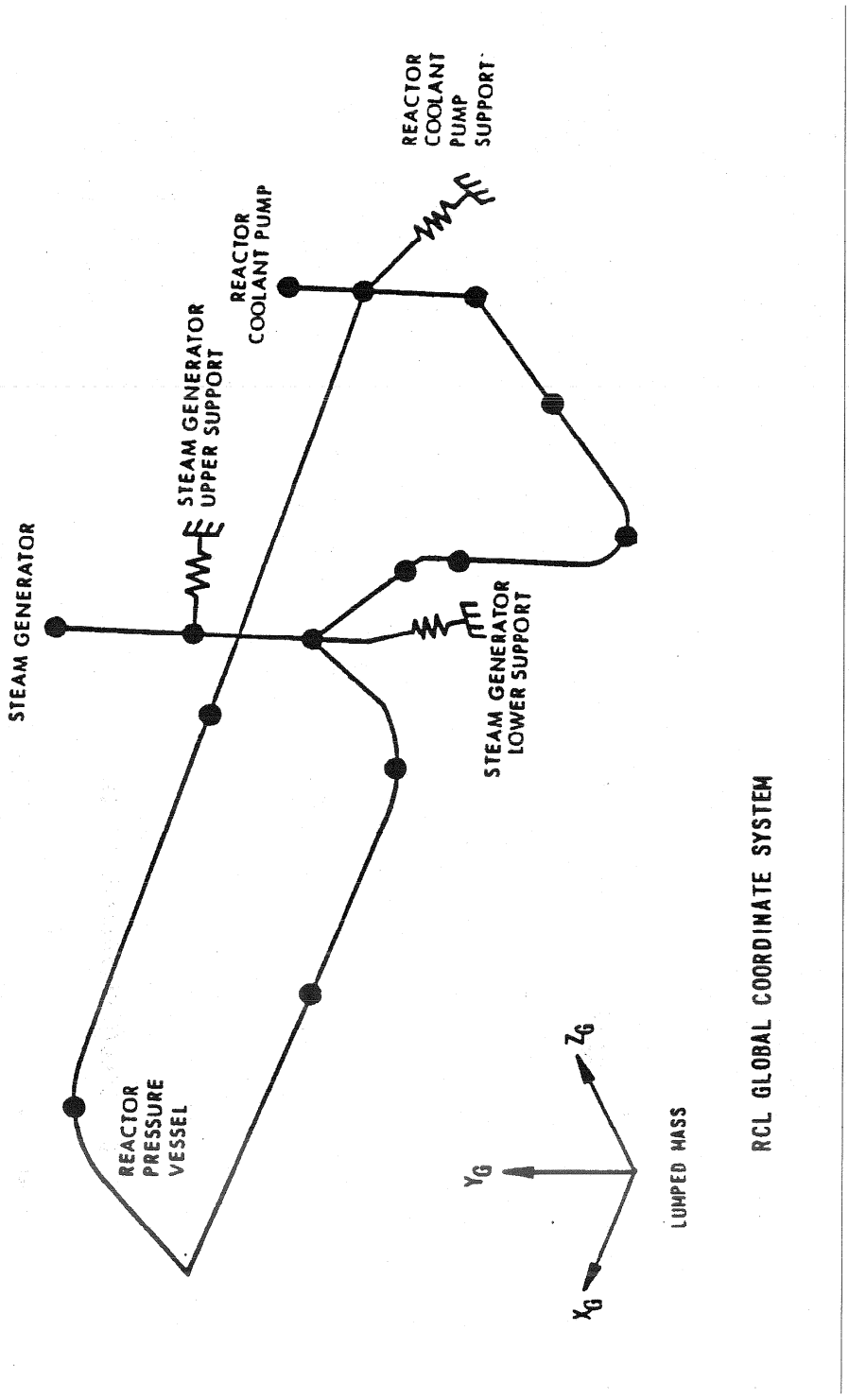
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Typical Safety-Related Electrical Manholes	
		Figure 3.8-35

See 101528

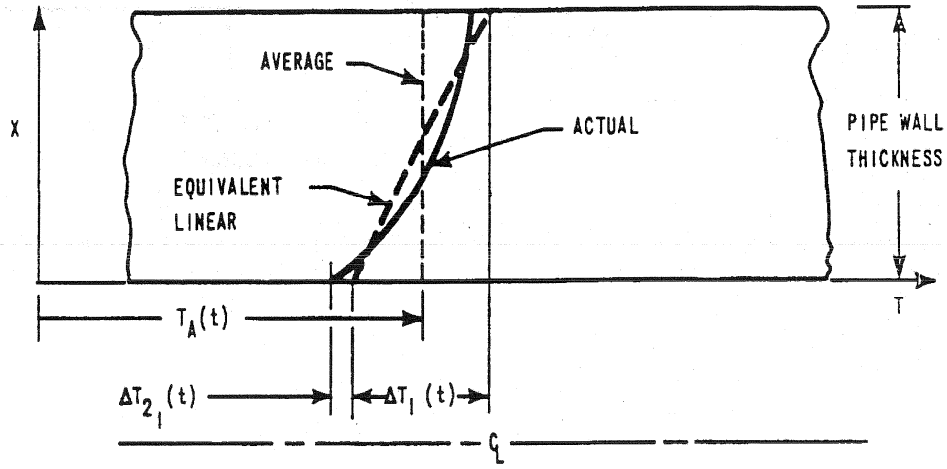
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Typical Reinforcing Detail at Base Slab and Wall	
		Figure 3.8-36



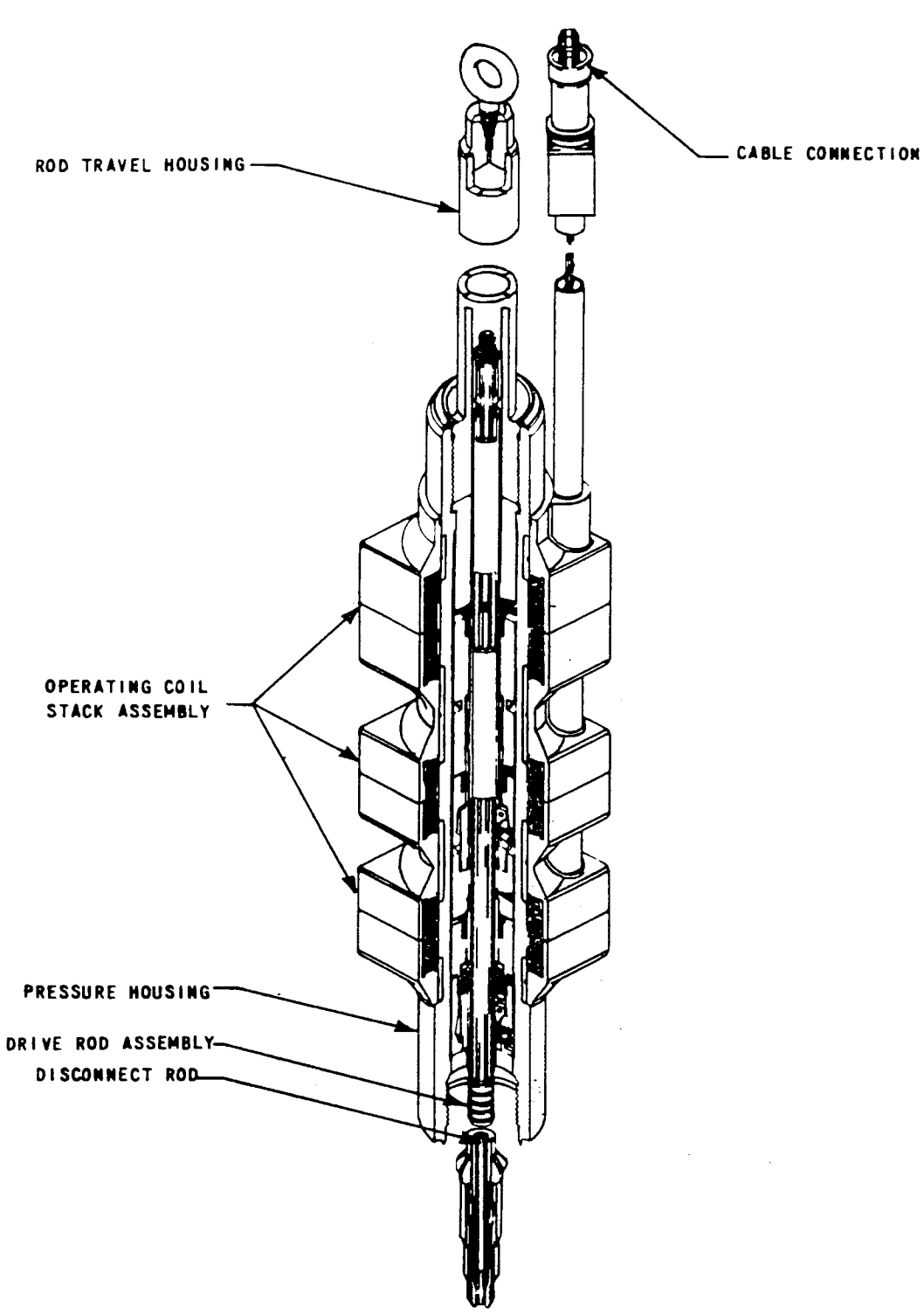
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Service Water Pipe Access Vault Concrete Plan & Sections Precast Roof Option	
		Figure 3.8-37



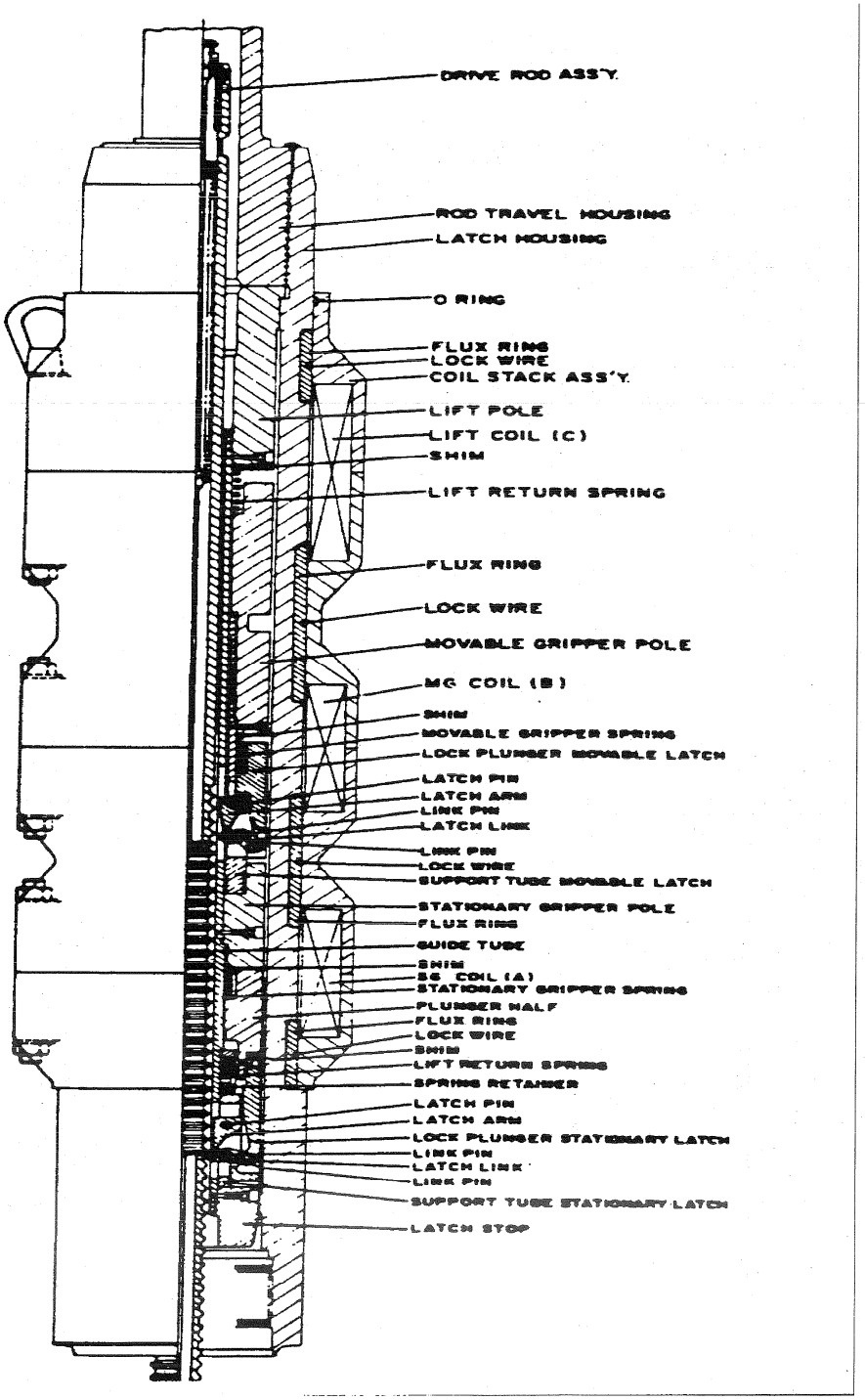
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Reactor Coolant Loop Support System, Dynamic Structural Model	
		Figure 3.9(N)-1



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

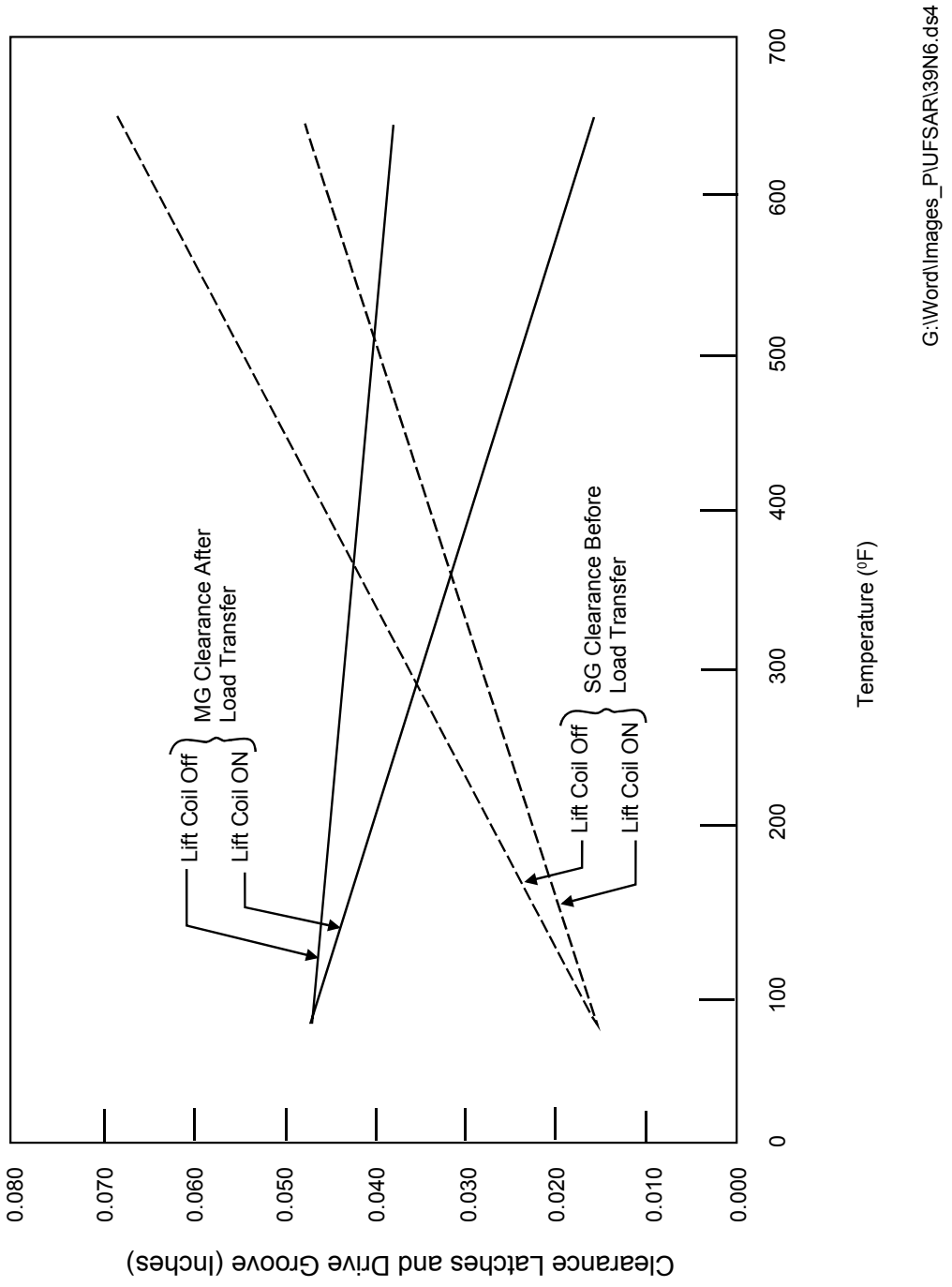


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Control Rod Drive Mechanism	
		Figure 3.9(N)-3

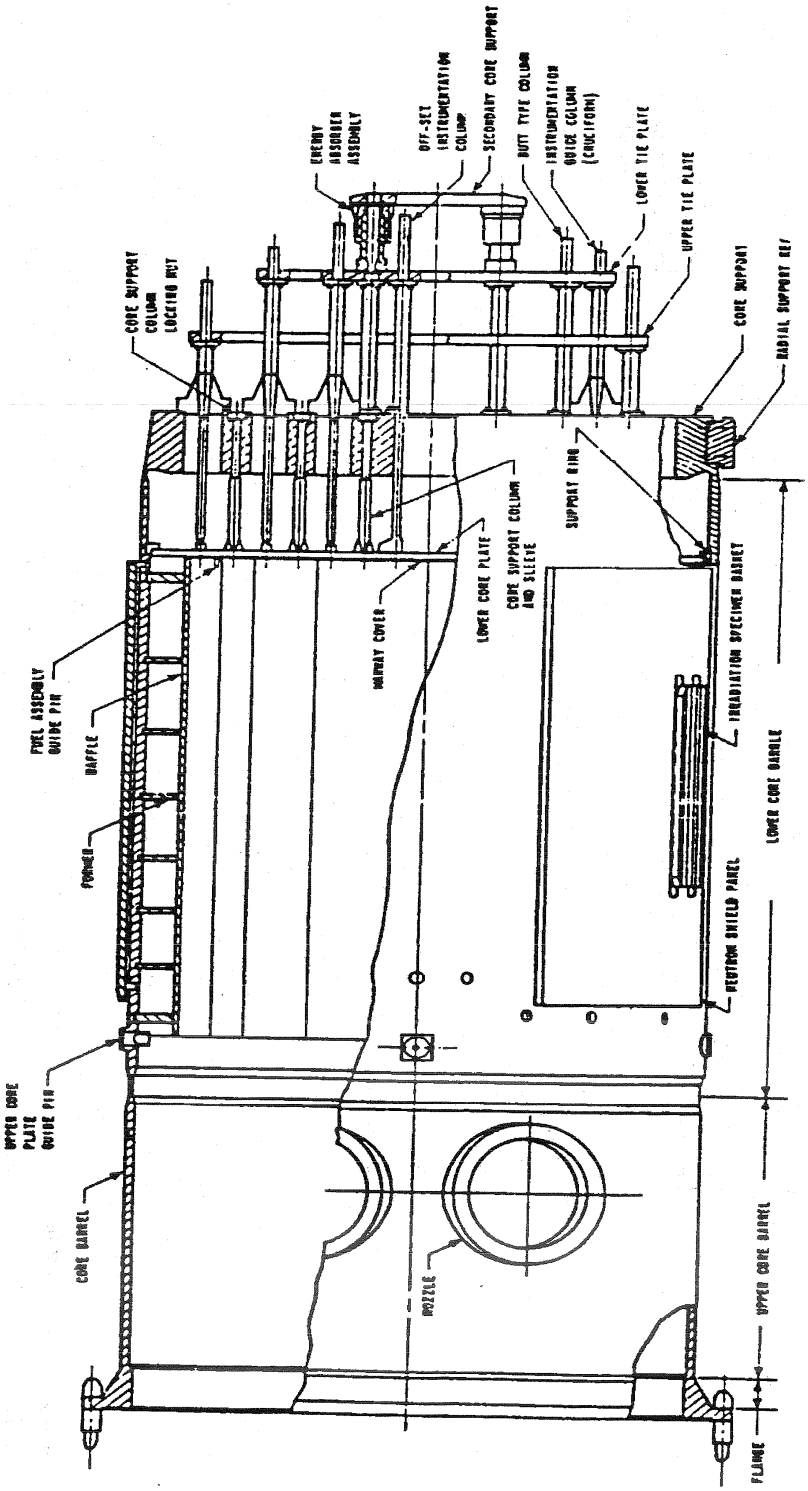


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Control Rod Drive Mechanism Schematic	
		Figure 3.9(N)-4

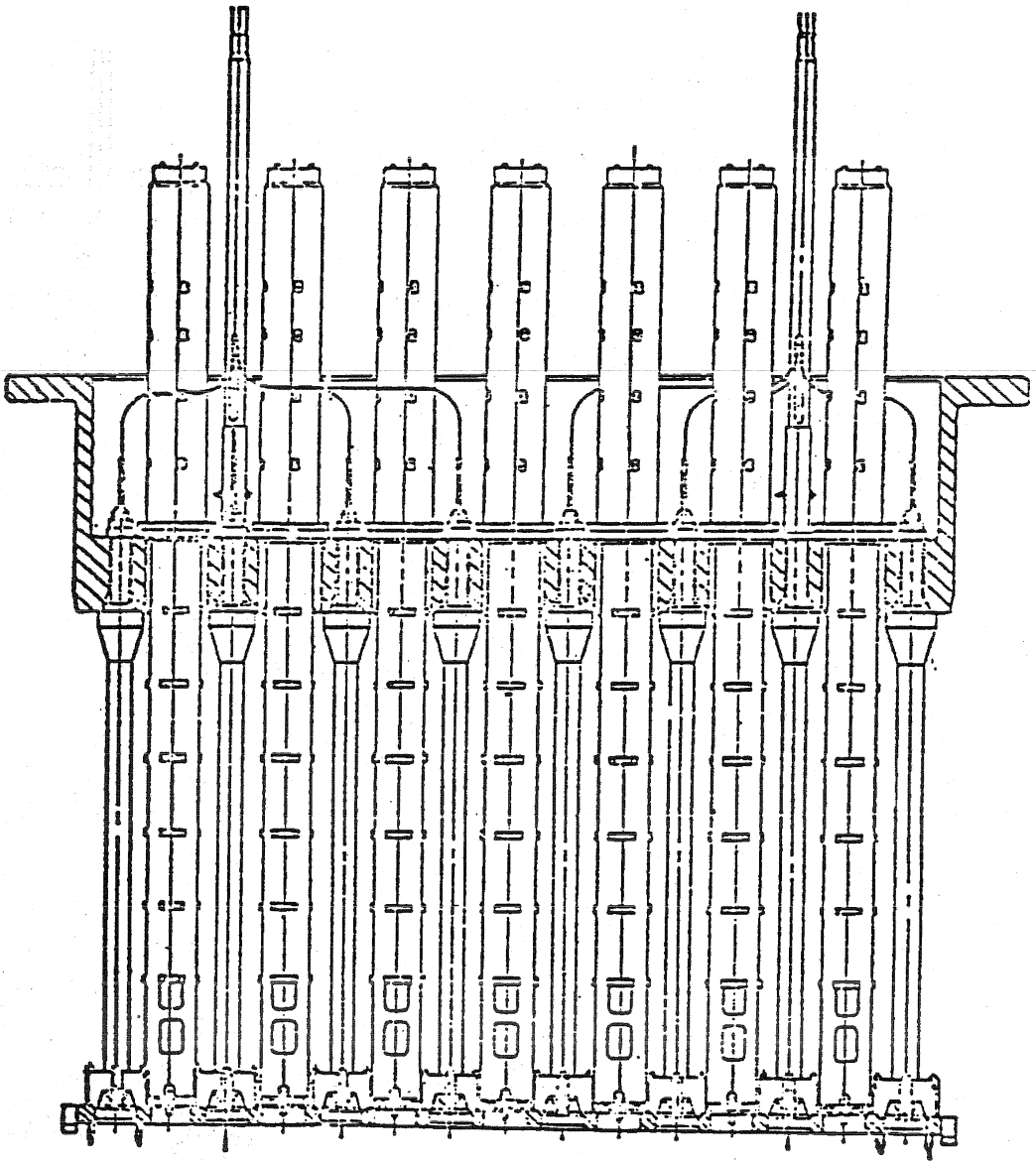
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Nominal Latch Clearance at Minimum and Maximum Temperature	
		Figure 3.9(N)-5



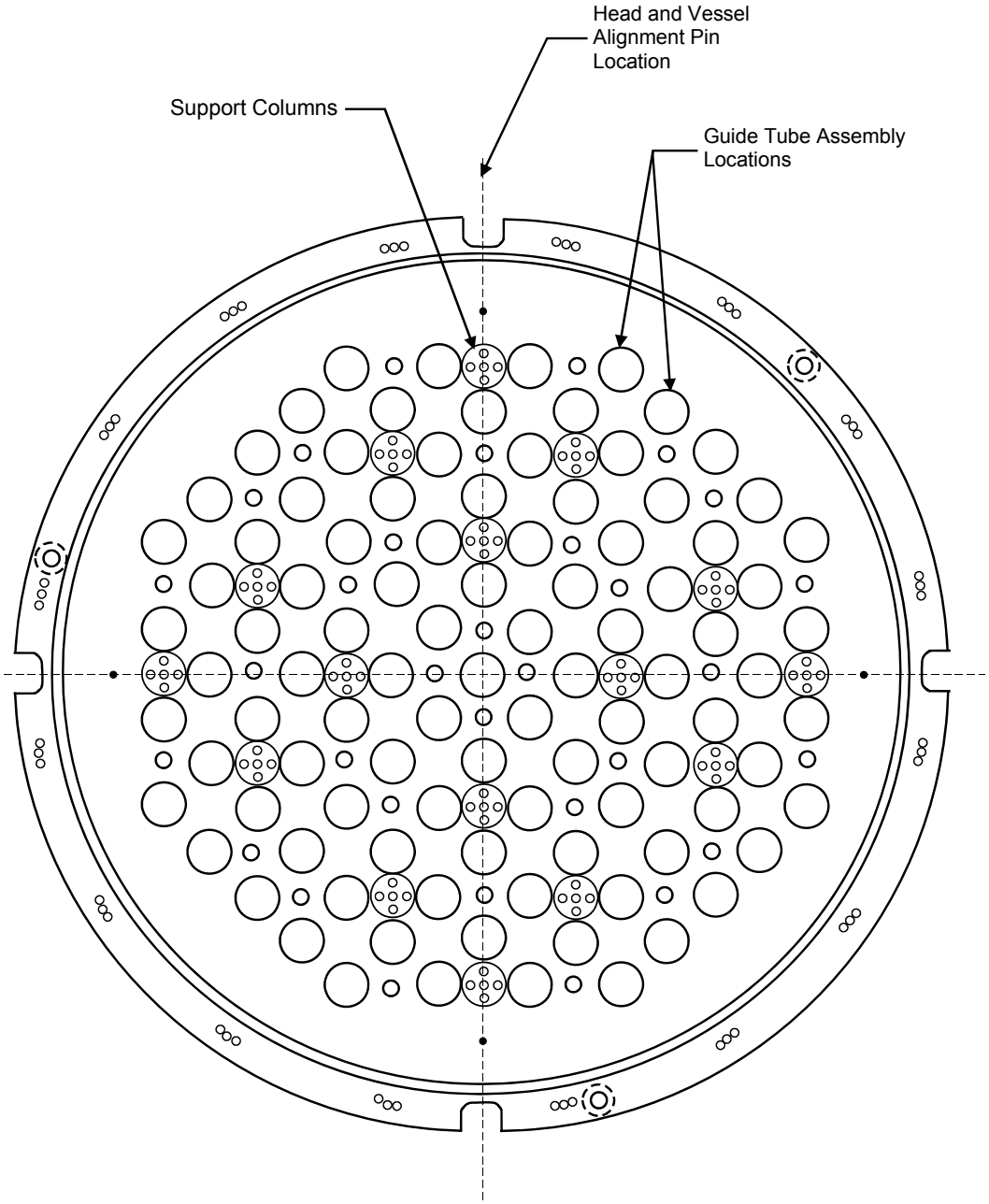
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Control Rod Drive Mechanism Latch Clearance Thermal Effect	
		Figure 3.9(N)-6



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Lower Core Support Assembly (Core Barrel Assembly)	
		Figure 3.9(N)-7



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Upper Core Support Structure	
		Figure 3.9(N)-8



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

See 1-NHY-300219