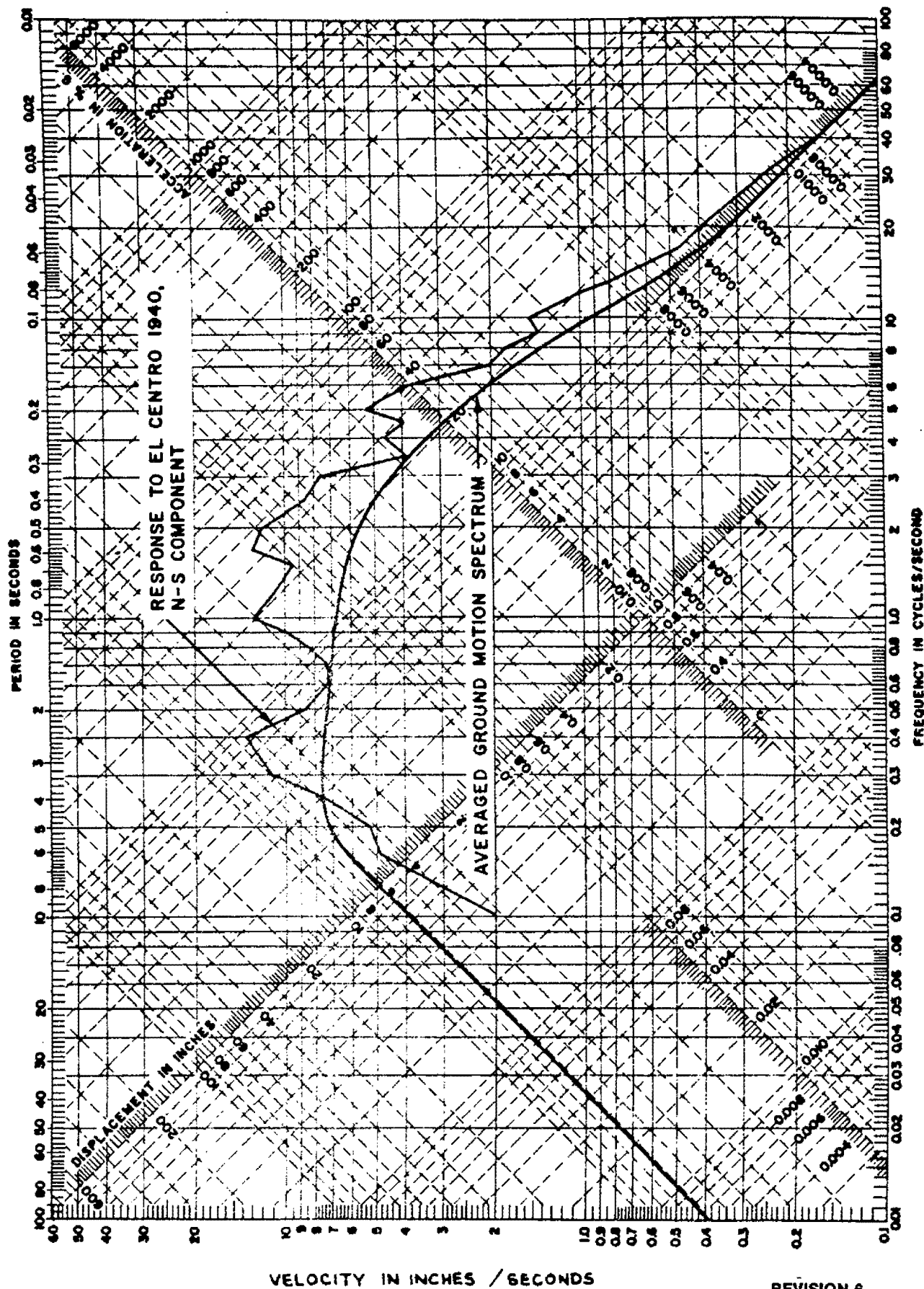




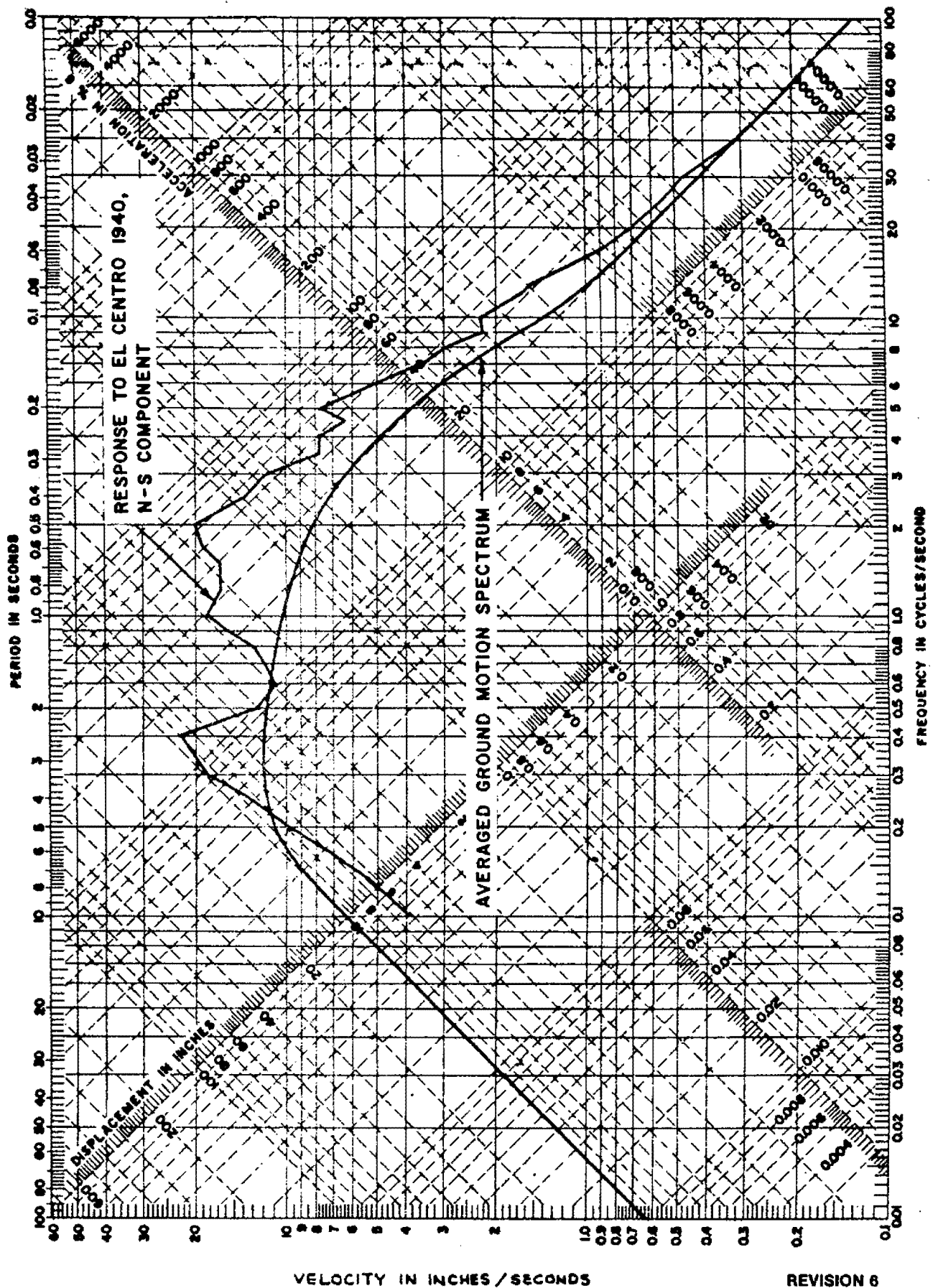
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

Comparison of Seismic Response Spectra O.B.E.  
(10% G) 2% DAMPED STRUCTURAL RESPONSE

Updated FSAR

Figure 3.7-1



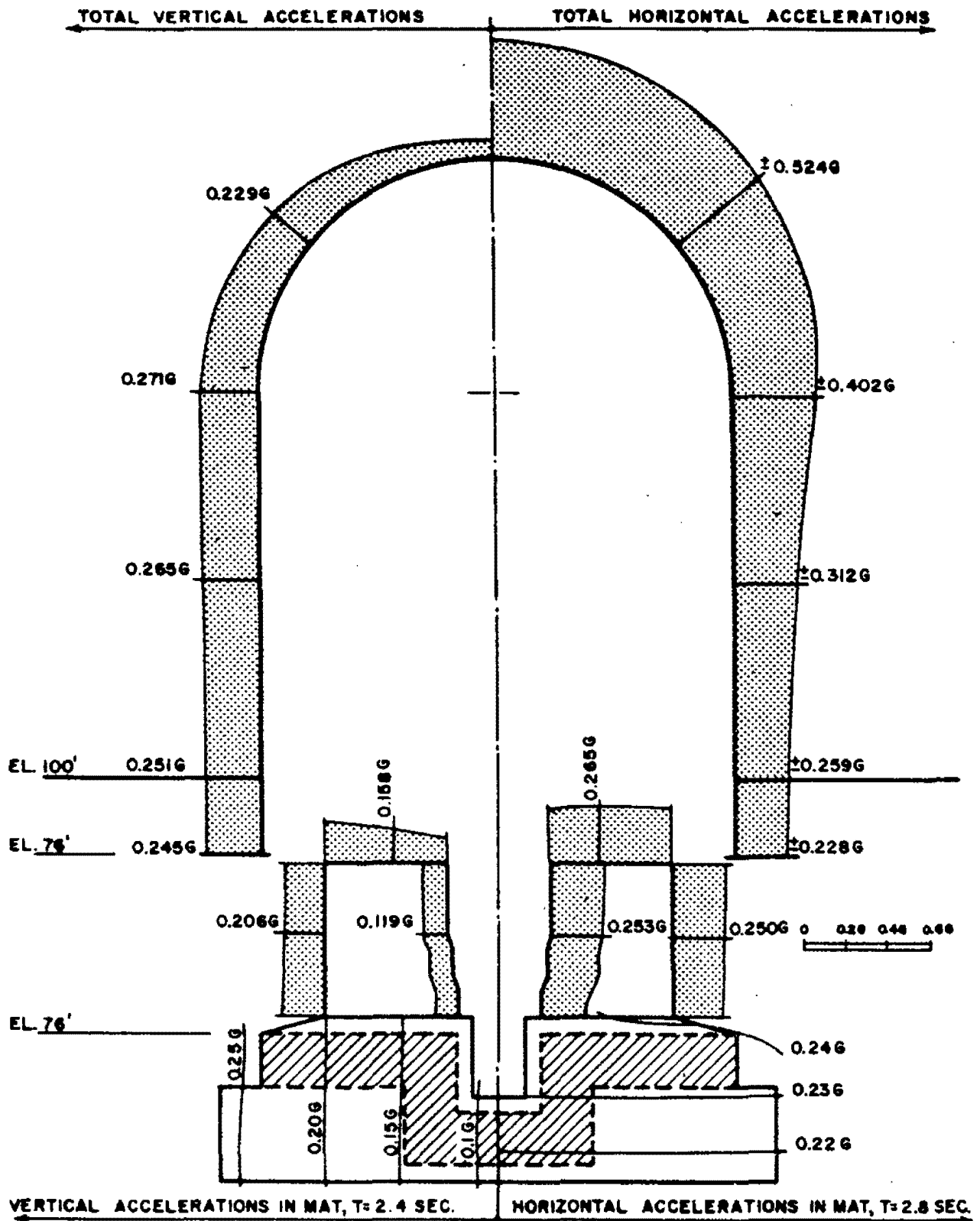
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

Comparison of Seismic Response Spectra D.B.E.  
(20% G) 5% Damped Structural Response

Updated FSAR

Figure 3.7-2



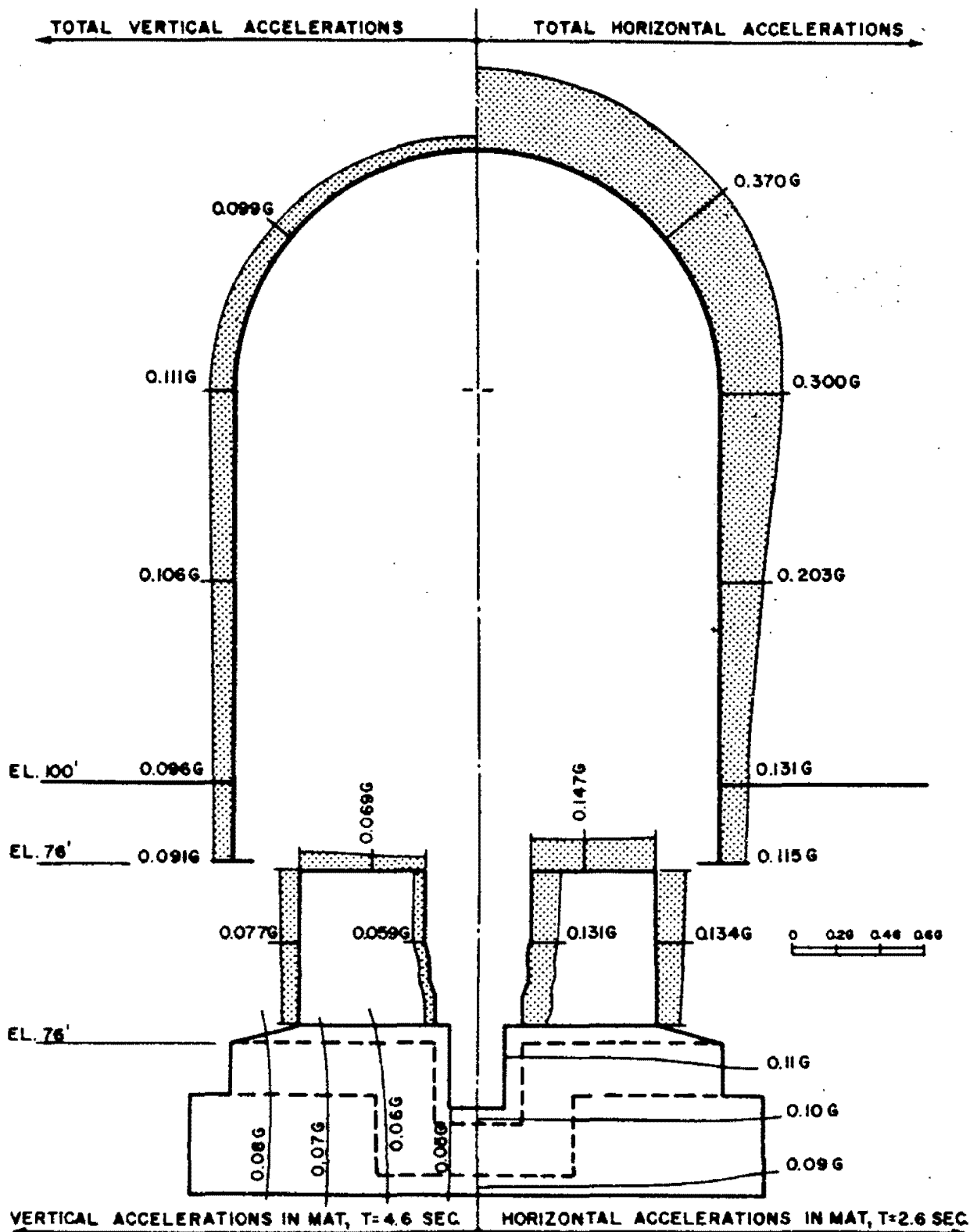
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SALEM NUCLEAR GENERATING STATION

Envelope of Total Accelerations for Shell  
and Peak Total Accelerations for Mat-D.B.E.

Updated FSAR

Figure 3.7-3



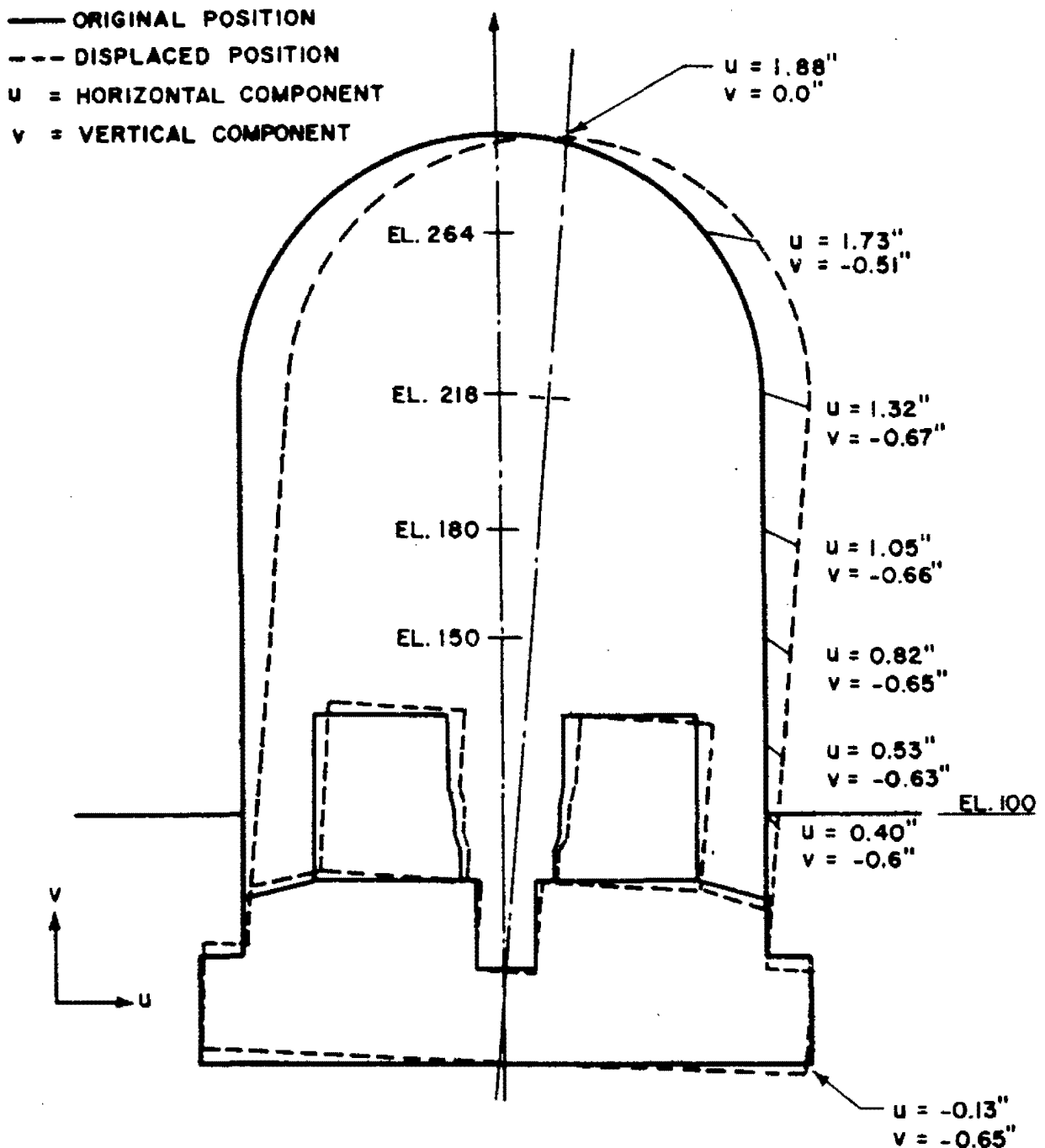
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SALEM NUCLEAR GENERATING STATION

Envelope of Total Accelerations for Shell  
and Peak Total Accelerations for Mat-O.B.E.

Updated FSAR

Figure 3.7-4



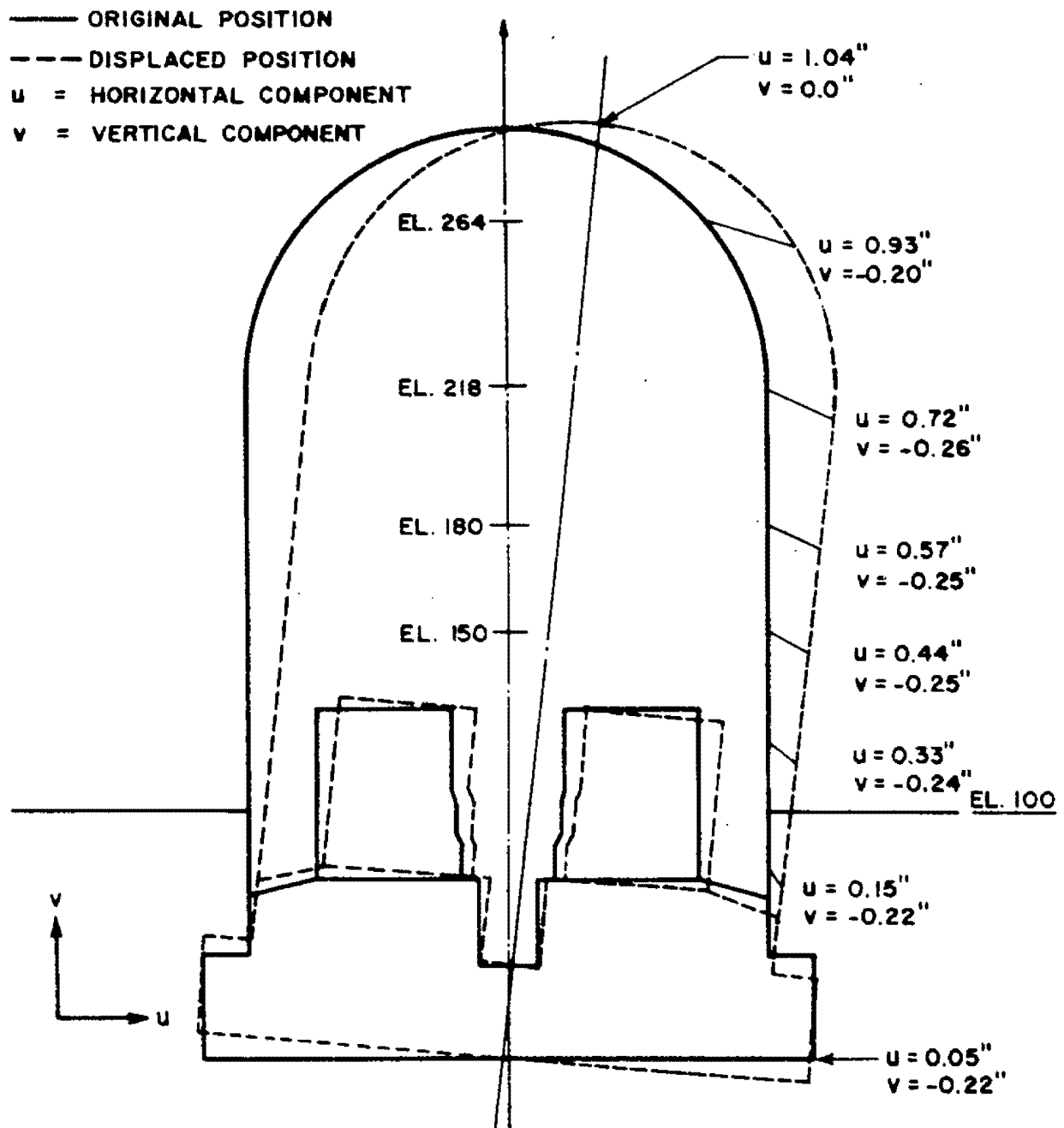
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
 SALEM NUCLEAR GENERATING STATION

Peak Displacements in Containment Vessel  
 Relative to Foundation Mat  
 At T = 2.8 Sec. - D.B.E. (0.2 G)

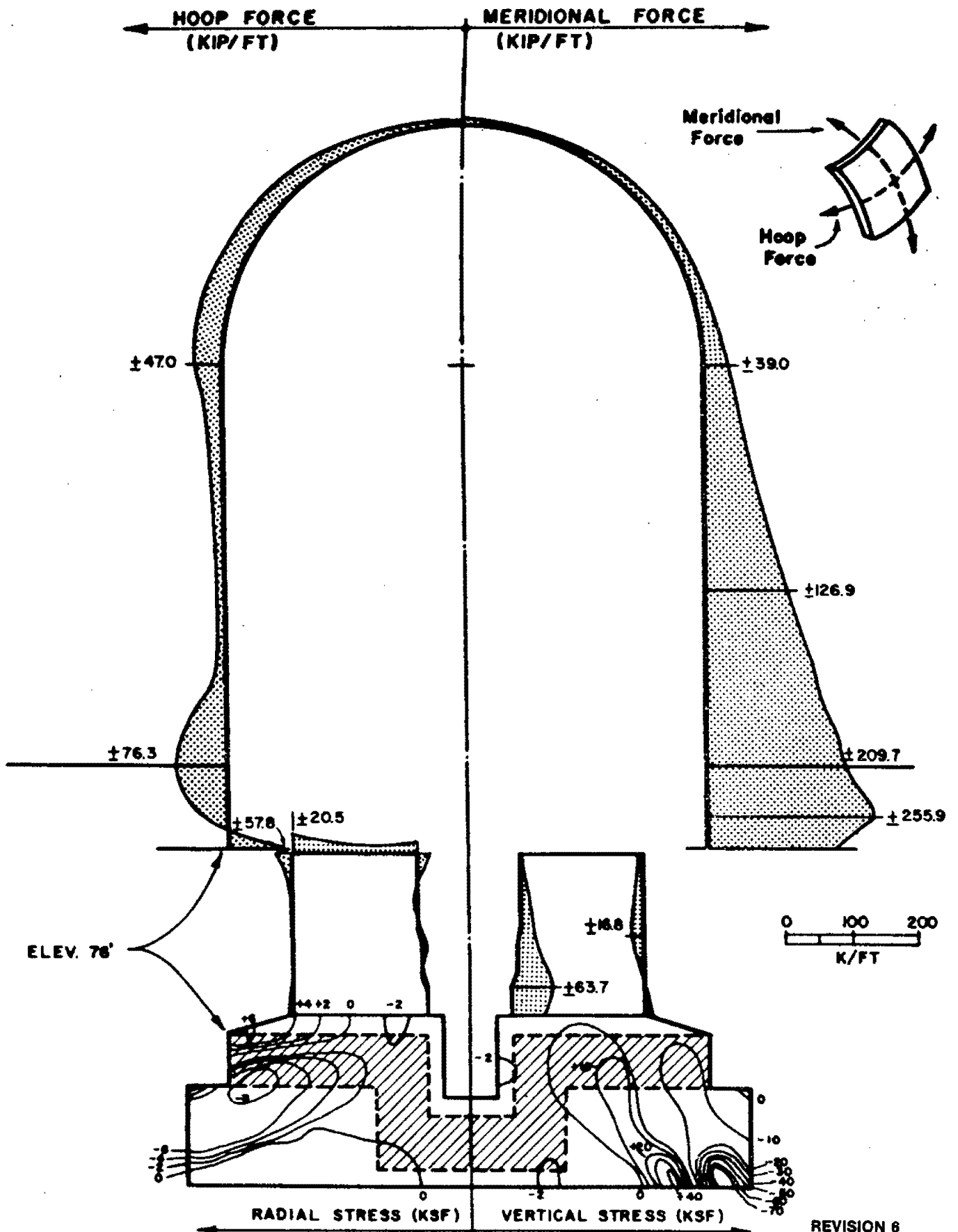
Updated FSAR

Figure 3.7-5



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|                                                                             |                                                                                                             |              |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------|
| PUBLIC SERVICE ELECTRIC AND GAS COMPANY<br>SALEM NUCLEAR GENERATING STATION | Peak Displacements in Containment Vessel<br>Relative to Foundation Mat<br>At T = 2.54 Sec. - O.B.E. (0.1 G) |              |
|                                                                             | Updated FSAR                                                                                                | Figure 3.7-6 |



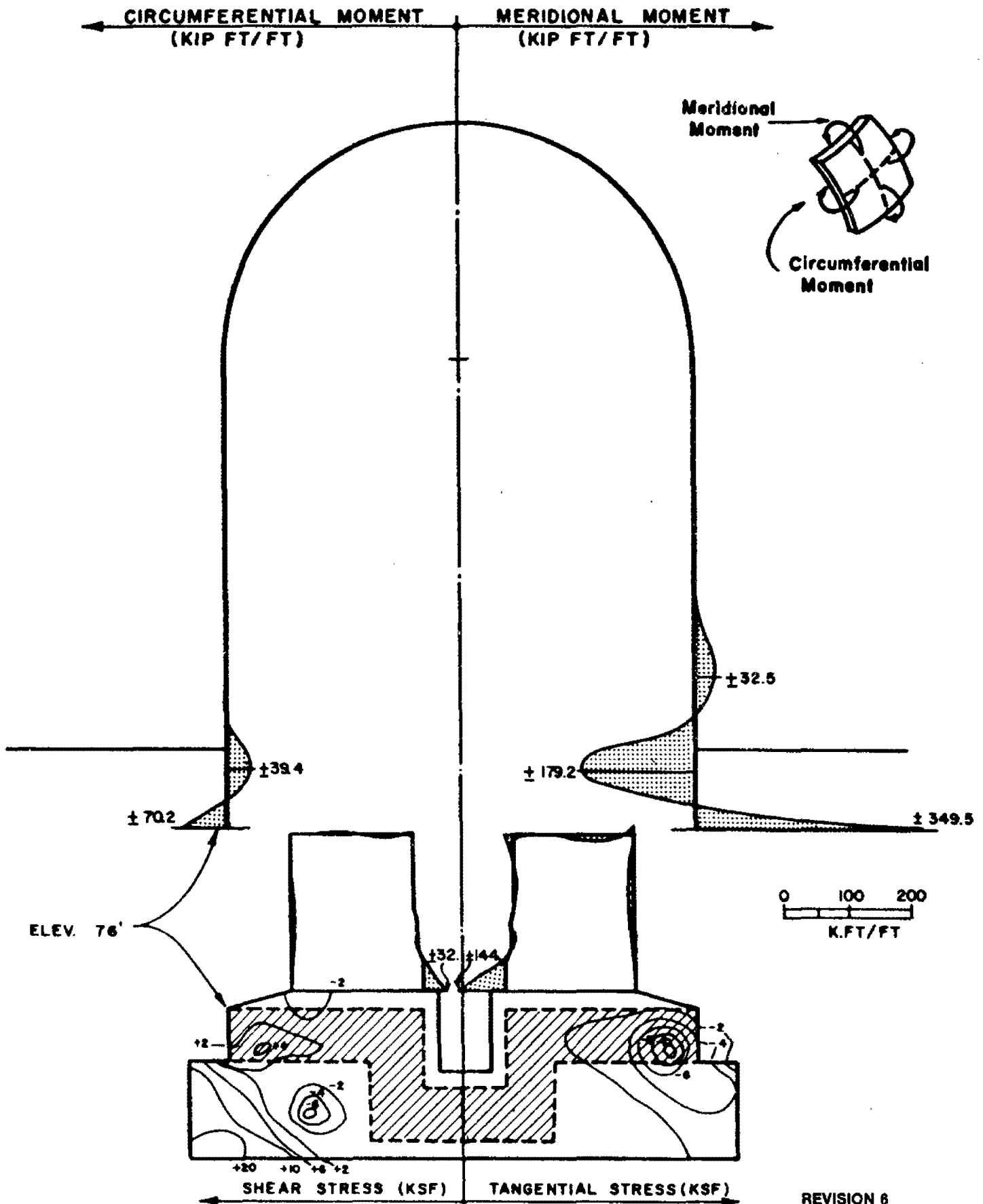
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

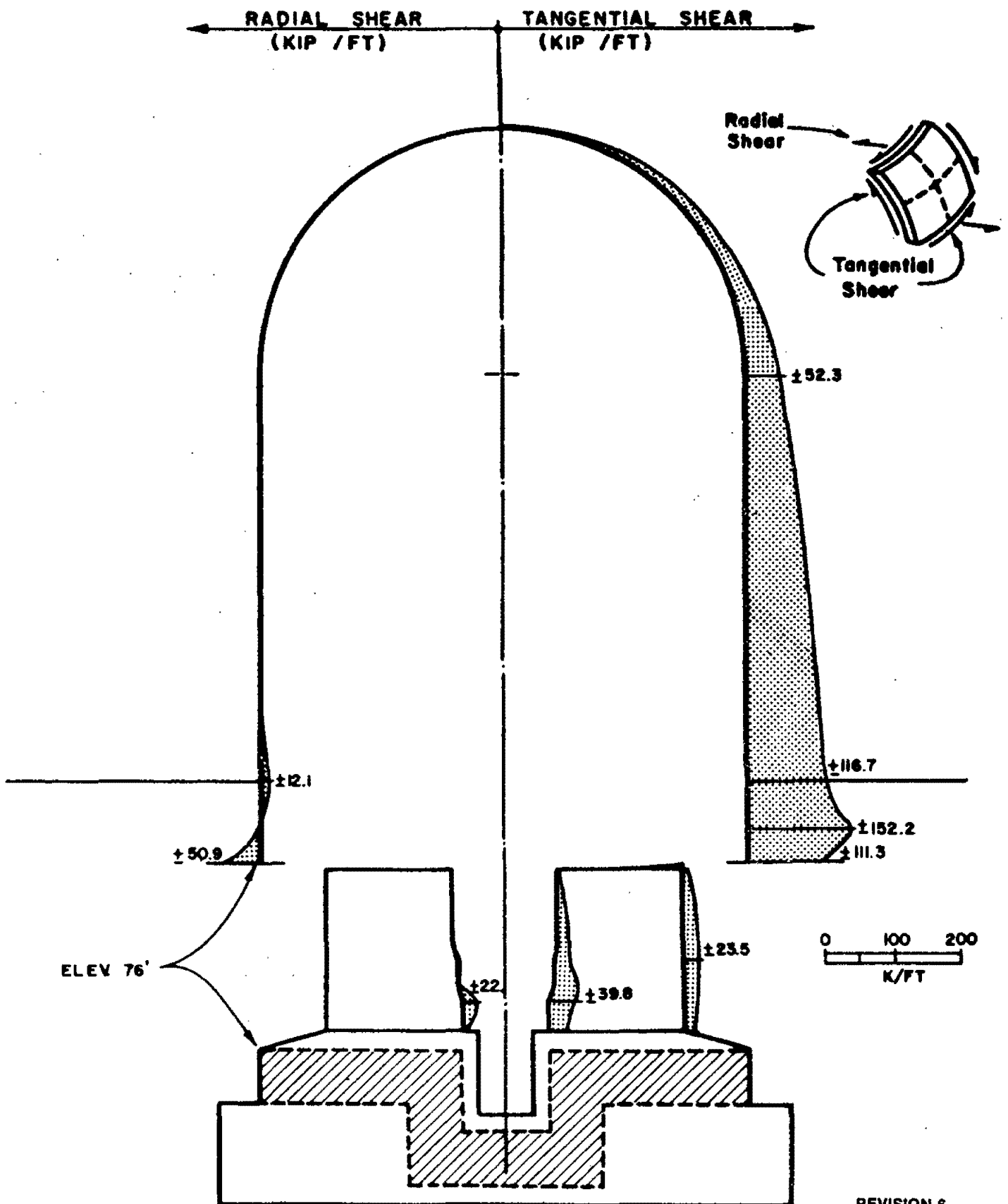
Envelope of Forces in Containment Vessel Due to  
Design Basis Earthquake (0.2g)

Updated FSAR

Figure 3.7-7







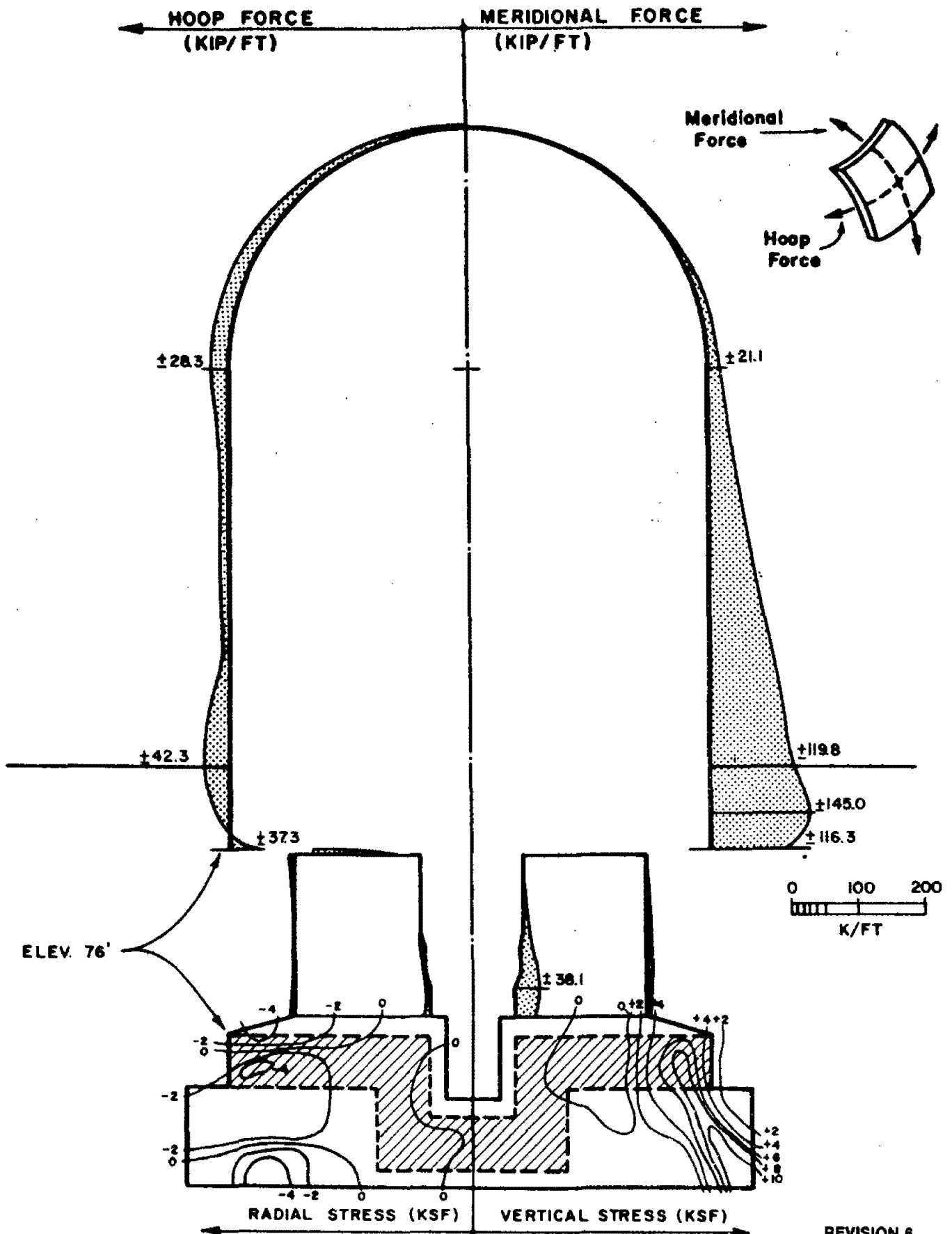
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

Envelope of Forces in Containment Vessel Due to  
Design Basis Earthquake (0.2g)

Updated FSAR

Figure 3.7-9



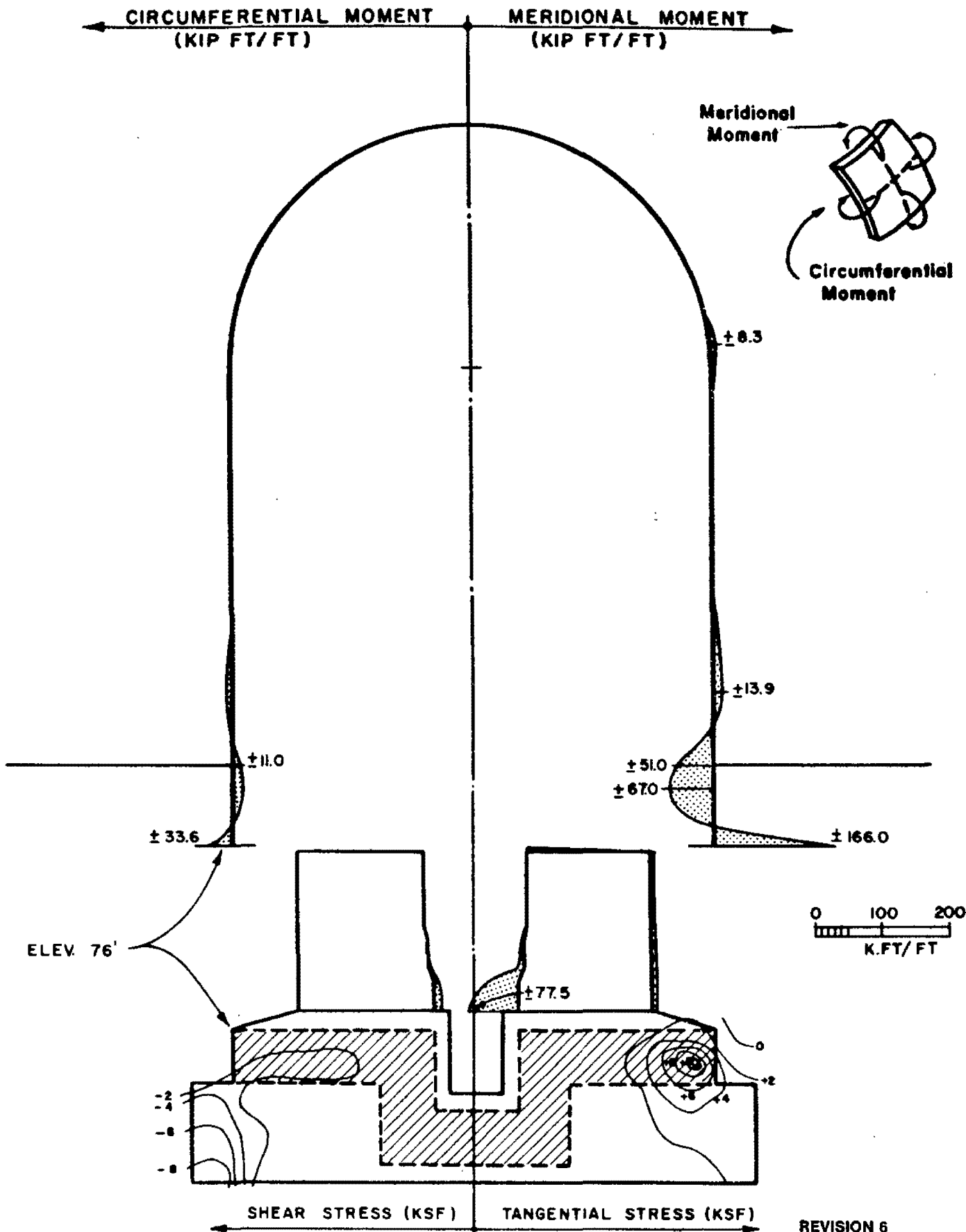
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SALEM NUCLEAR GENERATING STATION

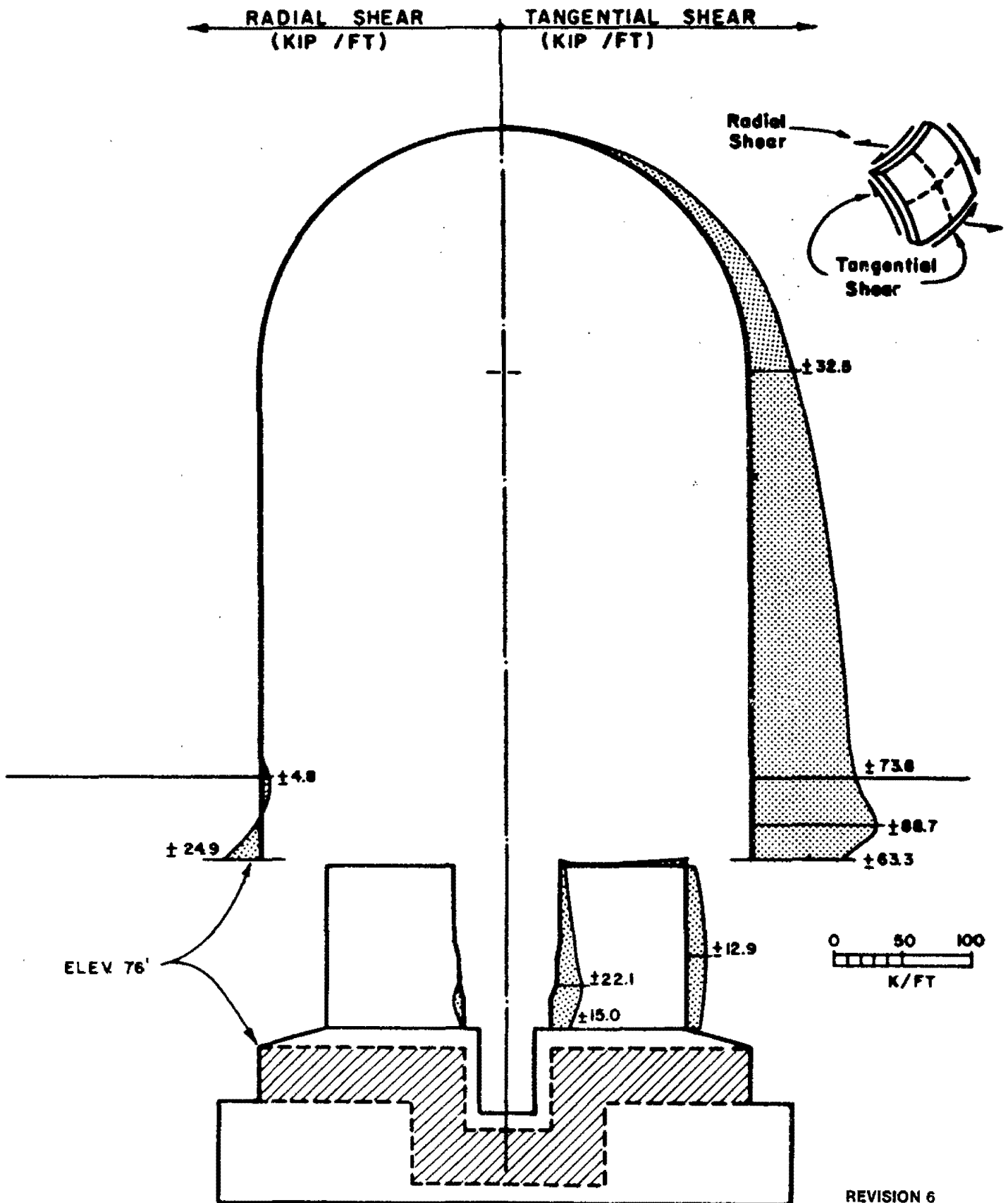
Envelope of Forces in Containment Vessel Due to  
Operating Basis Earthquake

Updated FSAR

Figure 3.7-10



|                                                                             |                                                                                      |               |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------|
| PUBLIC SERVICE ELECTRIC AND GAS COMPANY<br>SALEM NUCLEAR GENERATING STATION | Envelope of Forces in Containment Vessel Due to<br>Operating Basis Earthquake (0.1g) |               |
|                                                                             | Updated FSAR                                                                         | Figure 3.7-11 |



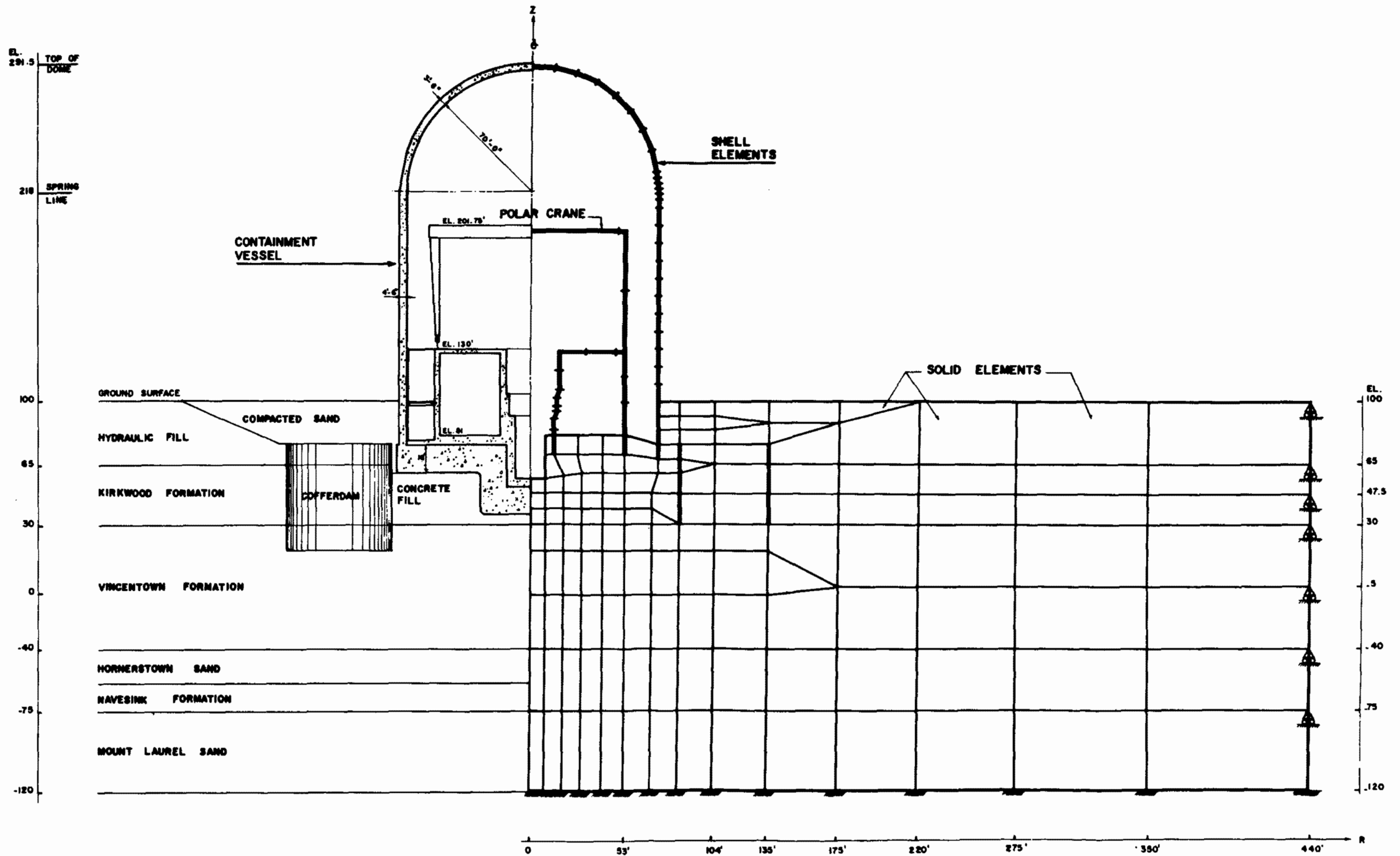
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

Envelope of Forces in Containment Vessel Due to  
Operating Basis Earthquake (0.1g)

Updated FSAR

Figure 3.7-12



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PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
SALEM NUCLEAR GENERATING STATION

Axisymmetric Finite Element Model-Containment Vessel

Updated FSAR

Figure 3.7-13