



### Safety Issue #2

• Evaluation of In-Line Inspection Information



# Significant Events Timeline for Olympic Pipeline In-Line Inspections

- 1991 Magnetic Flux Tool
- 1994 Water Treatment Plant Construction
- 1996 Magnetic Flux Tool
- 1997 Caliper Tool



## 1996 Magnetic Flux Tool Inspection Report

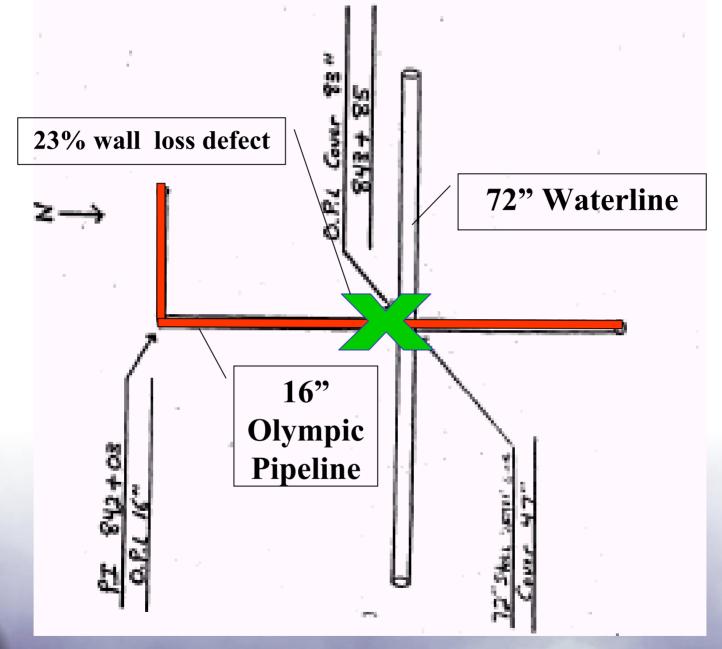
Distance to Rupture	Anomaly Reported
3' upstream	possible wrinkle bend
11' downstream	possible mill/mechanical
	23% wall loss defect
11' downstream	possible mash

### 1997 Caliper Tool Inspection Report Near The Rupture

• 0.45" sharp anomaly reported near the eventual rupture area



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#### Reassessment Notes-July 97

- Did not inspect this location;
- Tuboscope [magnetic flux tool company] possible mill/mechanical 23% (min risk)
- Enduro [caliper tool company]
   .45 sharp (less than repairable)
- Difficult area to access



In-line pipeline inspection data along with excavation activity that occurred in 1993 and 1994 were sufficient to justify excavation and examination of the pipeline in the area of reported anomalies.





