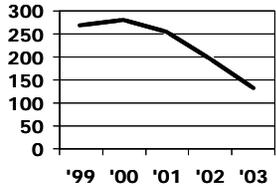


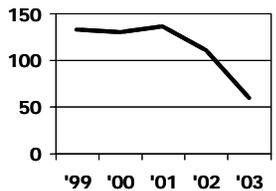
The Onshore Pipe Record

Four Years of Continuous Improvement

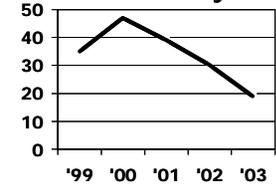
Total, All Causes



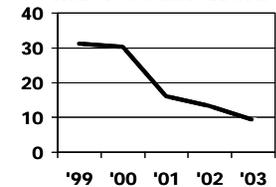
Corrosion



Third Party



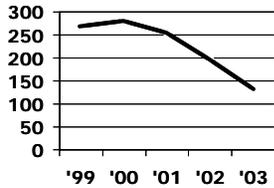
Mat'l/Seam/Weld



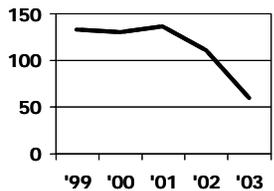
- **2001 – API 1160 & 49 CFR 195.452**
- **2002 – Integrity Management Programs**
- **2004 – More than 50% of liquid HCA mileage assessed**
- **2005 – API 1163 and associated documents.**

The Onshore Pipe Record

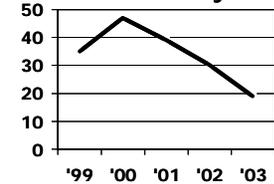
Total, All Causes



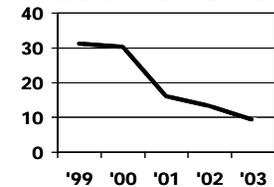
Corrosion



Third Party



Mat'l/Seam/Weld

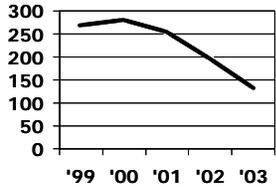


Results

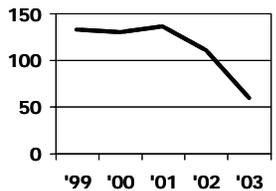
- Increase in miles inspected & anomalies repaired
- Data integration is identifying additional injurious conditions
- Technology/knowledge continue to improve
- New consensus documents are educating and setting standards for process rigor
- Improvements in release performance are impressive to date.
- Stage is set for continuing improvement.

The Onshore Pipe Record

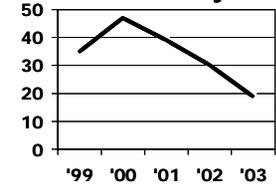
Total, All Causes



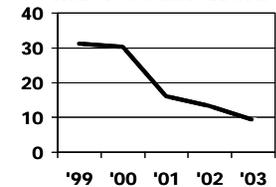
Corrosion



Third Party



Mat'l/Seam/Weld

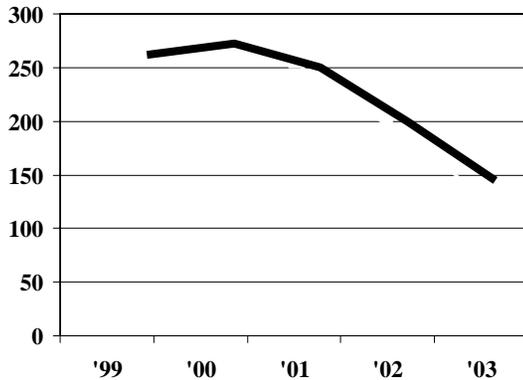


Looking Forward

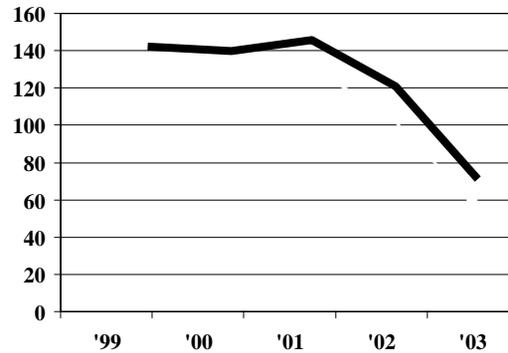
- Allow rule, protocols, and industry documents to continue delivering results.
- Analyze incidents in context with overall performance.
- “Stay the course” – resist temptation to make changes that may be counterproductive.
- Work with industry to support forums for identifying best practices.
- Strive for continuous improvement with emphasis on directing resources towards delivering greatest improvement.

Onshore Pipe Incidents, '99-'03

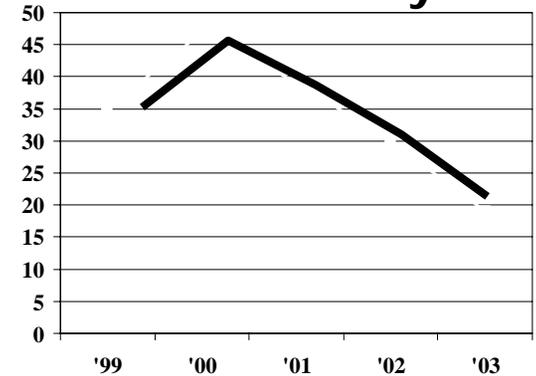
Total, All Causes



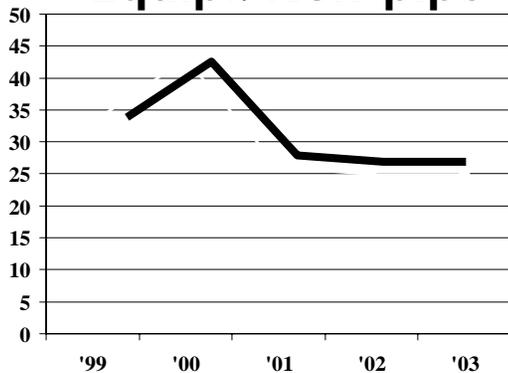
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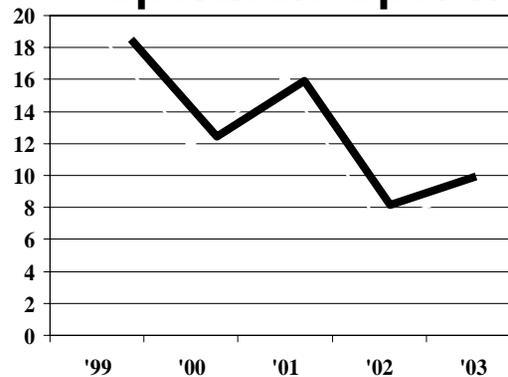
Third Party



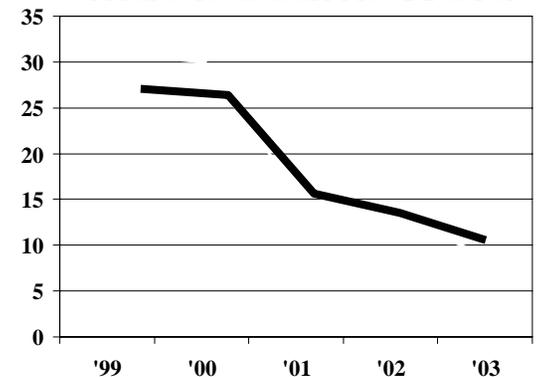
Equip./Non-pipe



Operator/Oper'n



Mat'l/Seam/Weld



PIPELINE & HAZARDOUS MATERIALS SAFETY ADMINISTRATION

INLINE INSPECTION PUBLIC MEETING

11 August 2005