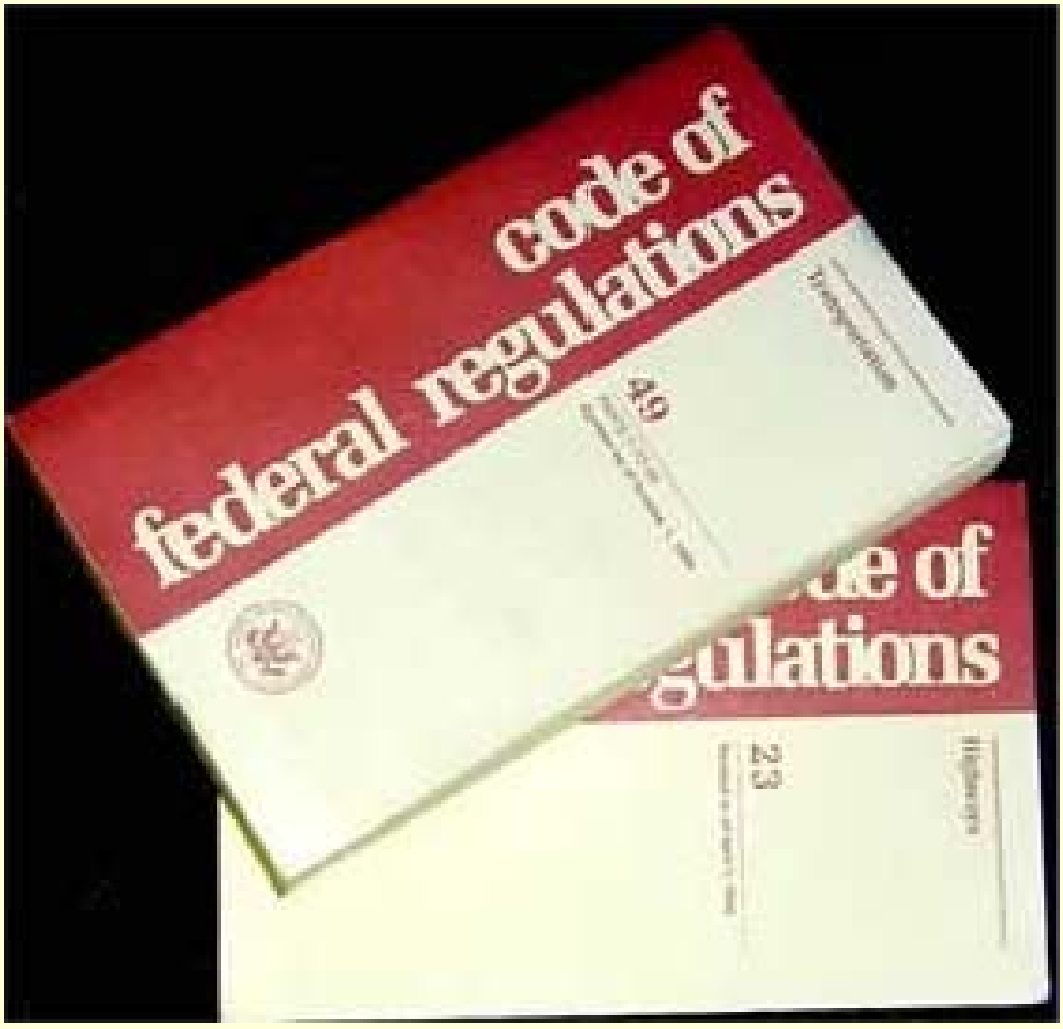
Regulatory Baseline and Goals

Jeff Wiese

Associate Administrator for
Pipeline Safety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Part 192 – TRANSPORTATION OF NATURAL AND OTHER GAS BY PIPELINE: MINIMUM FEDERAL SAFETY STANDARDS

Subpart F—Joining of Materials Other Than by Welding

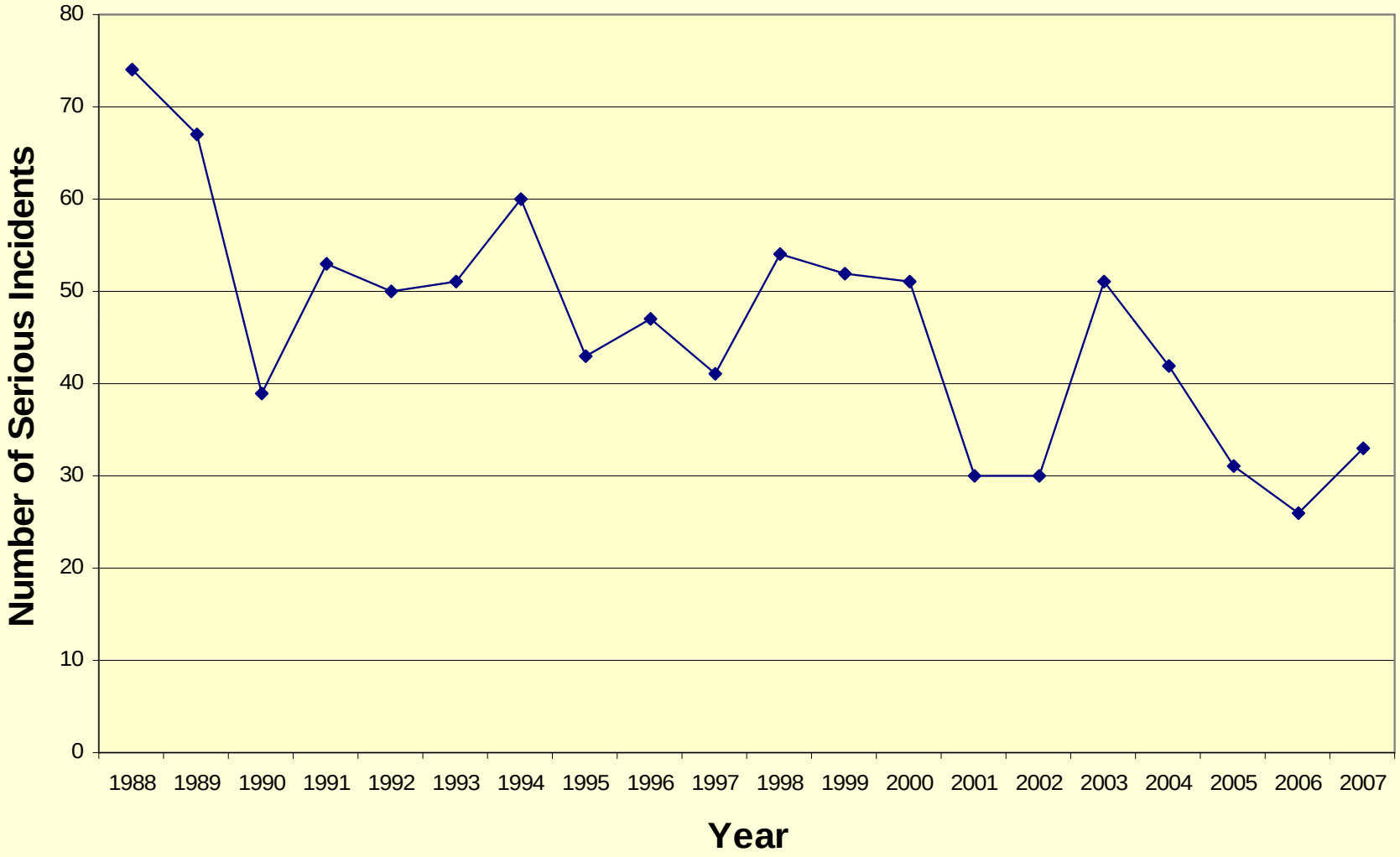
Subpart G—General Construction Requirements for Transmission Lines and Mains

Subpart H—Customer Meters, Service Regulators, and Service Lines

Subpart I—Requirements for Corrosion Control

Subpart J—Test Requirements

Serious Incidents – Gas Distribution



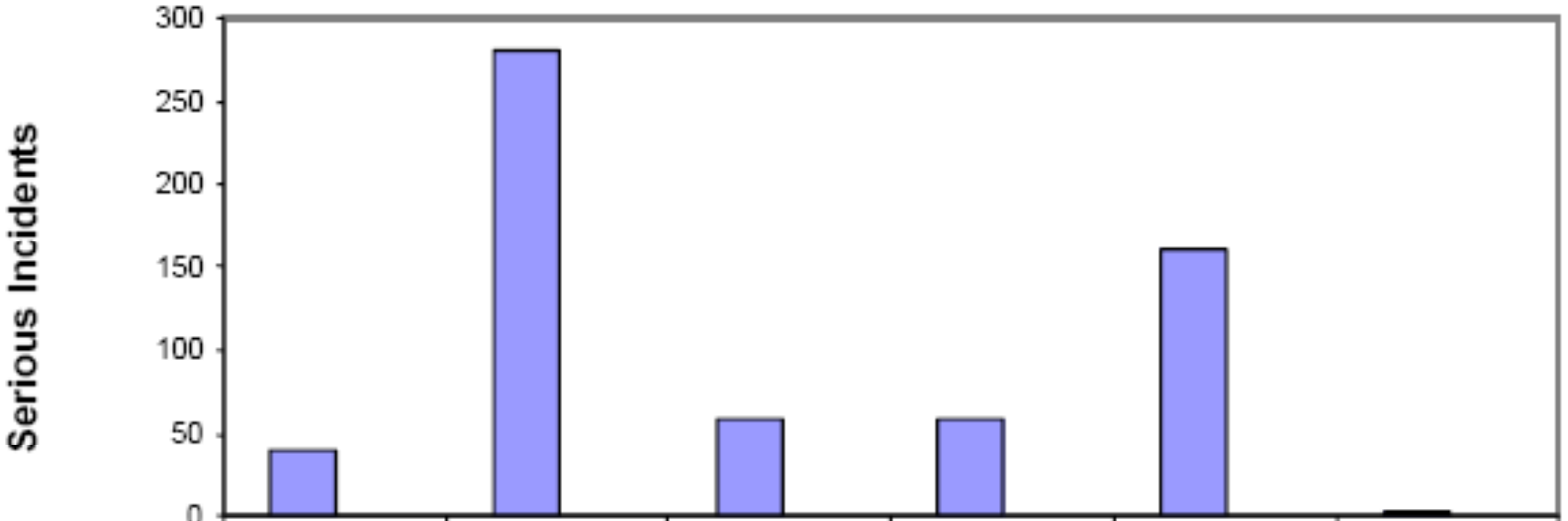
Periodic Inspection/Maintenance

- Cathodic protection (CP) must be tested once per year. Rectifiers and moving/active components must be inspected six times per year (192.465)
- Operators must reevaluate pipelines without CP every 3 years and provide CP if active corrosion is found (192.465)
- Pipe exposed to the atmosphere must be inspected for corrosion every 3 years (192.481)
- Leak surveys must be conducted annually in business districts and at least every 5 years (3 if cathodically unprotected and electrical surveys are impractical) outside of business districts (192.723)

Periodic Inspection/Maintenance – Cont'd

- Pressure limiting devices must be tested at least annually (192.739)
- Each valve necessary for safe system operation must be tested annually (192.747)
- Vaults housing pressure regulating equipment must be inspected annually (192.749)
- Mains must be patrolled 4 times a year in business districts and twice per year outside business districts (192.721)

Distribution Serious Incidents (601 Total)
By Cause
Totals for Years 1990-2002



	Corrosion	Outside Force	Construction / Operating Error	Accidentally Caused By Operator	Other	No Data
F&I Incidents	39	200	59	59	160	4
% of Total	6.5%	46.6%	9.8%	9.8%	26.6%	0.7%

2004 American Gas Foundation study

Integrity Management - Goals

- Focused actions for efficient improvement
- Improve operator understanding
- Foster action to address threats/issues of importance
- Reduce the number and severity of distribution pipeline incidents

Monitoring Performance

- Reducing accidents will take time
- Number of leaks, excavation damages
- Process indicators
  - Results of inspections
  - Quality and thoroughness of risk assessments
  - Number and kind of risk reduction activities