

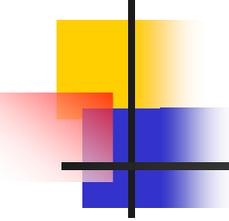
California Pipeline Safety

Raymond G. Fugere

Utilities Engineer

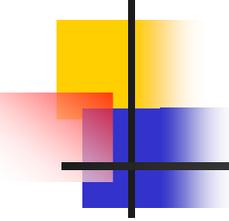
Consumer Protection and Safety Division

California Public Utilities Commission



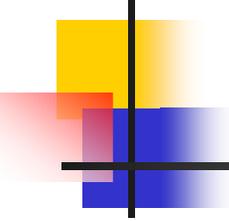
History of Laws

- General Order 112 adopted December 28, 1960
- Codes Of Federal Regulations Title 49 Parts:
 - 191 (January 8, 1970)
 - 192 (August 19, 1970)
 - 199 (November 21, 1988)



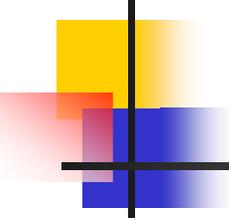
Pre-Construction and Construction Requirements

- Welds
- Inspection of Welds
- Cover
- Clearance
- Protection from Hazards
- Strength of Pipe



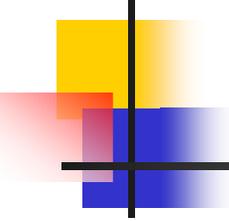
Post-Construction Requirements

- Leak Surveys
- Repairs
- Corrosion Control
- Integrity Management
- Drug Testing
- Other Maintenance



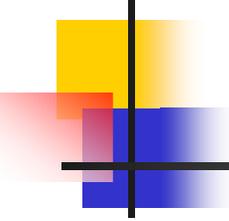
What is Integrity Management?

- High Consequence Areas
- Potential Impact Radius
- Baseline Assessment
- Schedule for evaluation and remediation
- Reassessment intervals



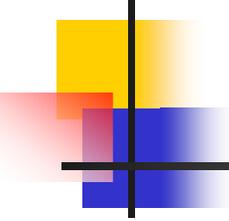
Audits Performed By the CPUC

- Operation and Maintenance Plan
- Operation and Maintenance
- Operator Qualification
- Integrity Management
- Drug Testing



Incident Investigation

- An Incident is when there is a release of Gas and one of the following:
 - Death
 - Injury requiring in-patient hospitalization
 - \$20,000 or more damage
 - Media Attention
 - Operator Judgment



Environmental Review

- First the project undergoes an environmental review pursuant to the California Environmental Review Act (CEQA)
 - Public Resource Code §21000-21177 (Statute)
 - California Code of Regulations §15000-15387 (Review Process Guidelines)
- If you have question or comments pertaining to the CEQA process please contact the CPUC Environmental Review Team at (415) 703-2126 or at enviro_team@cpuc.ca.gov