



Pipeline Integrity Management Communications

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RSPA/OPS

Pipeline Communication

Public Meeting

Bellevue, Washington

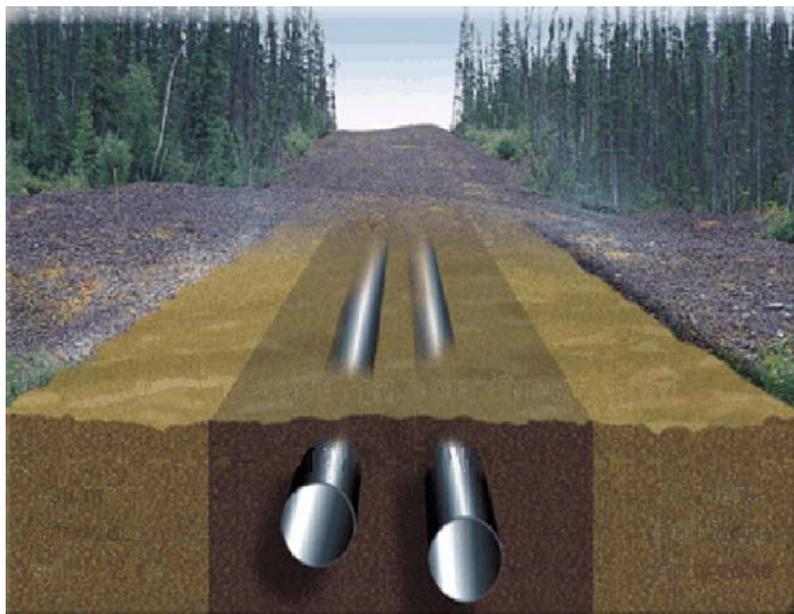
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IM Communications Goal

To Improve Communications Between Pipeline Operators And Affected Communities Regarding Pipeline Integrity Management





IM Communications

- **Purpose**: To Gather Input And Feedback On:
 - What Information Do Federal, State And Local Officials Need Regarding Pipeline Integrity Management
 - What Information Can Federal, State And Local Officials Communicate To Pipeline Operators To Improve Pipeline Integrity Management Efforts
- **Approach**: Describe The IM Rule Objectives And Requirements



IM Rule Objectives

- Accelerate Assessments of Pipelines in High Consequence Areas (HCAs)
- Improve Operator Integrity Management Systems
- Improve Government Role in Reviewing Integrity Plans and Programs
- Increase Public Assurance in Pipeline Safety



IM Prescriptive Requirements

- Clearly Define Specific Required Actions and Time Frames
 - Segment Identification
 - Baseline Assessment Plan and Framework Preparation
 - Baseline Assessment Methods & Schedules
 - Mitigation/Repair Time Frames
 - Re-assessment Intervals



IM Management-based Requirements

- Requirements For Developing and Implementing Structured and Documented Processes For Information Collection, Analysis, and Decision-making
 - IM Program
 - Segment Identification Process
 - Integrity Assessment Results Review
 - Risk Analysis (Information Analysis)
 - Additional Preventive and Mitigative Measures Identification and Implementation



IM Program Regulations

- Hazardous Liquid Pipelines
 - Issued In 2000 – 2002 (49 CFR 195.452)
- Natural Gas Pipelines
 - NPRM Published January 28, 2003



Distinctions of Gas IM Rule

- Same Purpose As Liquid IM Rule
- Different Impact Of Rupture
- Different Existing Requirements
 - Population Monitoring
 - Pipe Margins Near Populations
- Many Lines Impossible To Pig Unless Replaced
- Consensus Standard On IMP Issued Prior To Rule



IM Rule Summary

- A Mix Of Prescriptive, Results-based, And Management-based Requirements
- Assessment Requirements Will Improve Understanding Of Pipe Condition In HCAs
- Inspection Of Management-based Requirements Presents New Challenges
- Improvements In Operator IM Systems Underlie Compliance With New Rule



IM Rule Summary

- Information Integration And Risk Analysis Are Critical To Successful Program
- Improved Performance Will Result From A Commitment To Continuous Improvement
- Continuous Improvement Approach Acknowledges That:
 - Development Of Effective IM Programs Will Take Time
 - Development Of An Effective Inspection Approach Must Evolve Too



Typical Integrity Management Program Examples

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