Who Regulates Pipelines in the Salt Lake Valley

- U.S. DOT, PHMSA, Western Region
- Division of Public Utilities, Utah Department of Commerce
U.S. DOT, PHMSA, Western Region

Regulates Hazardous Liquids (HL) Pipelines

- (HL) Interstate Pipelines – Pipelines that cross state lines
- (HL) Intrastate Pipelines – Pipelines that are within the boundaries of one state (Utah)

Regulates Interstate Gas Transmission Pipelines – Pipelines that cross state lines
Division of Public Utilities, Utah Department of Commerce

- Regulates Intrastate Gas Transmission Pipelines – Gas Pipelines that are within the boundaries of one state (Utah)
  Municipal gas distribution systems
  Gas includes natural gas pipelines and hydrogen pipelines
Gas and Hazardous Liquid Pipeline Safety Programs
Pipeline Safety Regulations

- The rules governing pipeline safety are included in Title 49 of the Code of Federal Regulations (CFR), Parts 190-199.
- Individual states may have additional or more stringent pipeline safety regulations.
Overview of Pipeline Safety Regulations

- Construction and Design
- Integrity Management
- Operator Qualifications
- Public Awareness Rule
- Control Room Management
Pipeline Design and Construction

- Trenching
- Welding
- Coating
- Lowering and backfilling
- Depth of Cover
- Testing
- Valve location
- Leak Detection systems
Integrity Management Programs (IMP)

- Assessment of pipeline integrity in high consequence areas
- Integration of risk and knowledge
- Allocate resources to focus on the highest risks
- Operators developing their own performance measures and performance monitoring programs
- Written integrity management programs are a living document driving continuous improvement
- Distribution Integrity Management Programs (DIMP) is one of the more recent IMP Programs
Operator Qualification

• Pipeline Employees and Contractors must be Qualified to perform Covered Tasks
• Personnel must be Trained and Evaluated to ensure:
  • Safe and Proper Performance of Covered Task
  • Recognize and React to Abnormal Operating Conditions
• Consensus Standard - ASME Standard B31Q
Public Awareness Programs

- In June 2005, regulations revised to require all operators to comply with API Recommended Practice 1162

- Communications Plans tailored to Stakeholder Audience
  - Residents along ROW, General Public, Local Public Officials, Emergency Responders

- Operators must evaluate effectiveness of public awareness programs

- Operators Public Awareness Program Effectiveness Evaluations (PAPEEEs) are scheduled to be inspected by PHMSA by the end of CY 2012
Control Room Management
Objectives

• Help assure controllers will continue to be successful in maintaining pipeline safety and integrity

• Verify that procedures, systems and equipment are well thought out, and function as designed

• Assure pipeline operators are addressing fatigue risks in the control room

Questions?

- **Contact:**

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Thank You!