Building Confidence in Pipeline Safety

A strategic plan by members of the Interstate Natural Gas Association of America

In December 2010, INGAA’s Board of Directors established a board-level task force to pursue ways to further improve the industry’s safety performance and restore public confidence in the natural gas pipeline infrastructure. In March 2011, INGAA members formally adopted a set of Guiding Principles for pipeline safety.

Five Guiding Principles for Pipeline Safety

1. **Our goal is zero incidents** - a perfect record of safety and reliability for the national pipeline system. We will work every day toward this goal.
2. **We are committed to safety culture** as a critical dimension to continuously improve our industry’s performance.
3. **We will be relentless in our pursuit of improving by learning** from the past and anticipating the future.
4. **We are committed to applying integrity management principles on a system-wide basis.**
5. **We will engage our stakeholders**—from the local community to the national level—so they understand and can participate in reducing risk.

Priority Issues for the Pipeline Safety Task Force

- **Stakeholder Engagement and Outreach:** Two-way communication with meaningful performance measures. Actively promote the Pipeline and Informed Planning Alliance, a joint government-industry-stakeholder group.
- **Risk Management:** Continued application and enhancement of risk-management concepts beyond the current regulatory requirements, which centers on high-consequence areas, including a comprehensive threat analysis for all transmission pipelines.
- **Integrity Management Tools:** Enhance corrosion control methods and anomaly management protocols.
- ** Pipelines Built Prior to PHMSA Regulations:** Develop an inventory and enhance protocols to manage integrity.
- **Technology Development and Deployment:** Improve crack-detection tool capability; develop protocols for material threat management; work with PHMSA to produce an R+D roadmap; and define assessment alternatives for non-piggable pipelines.
- **Management Systems:** Apply safety culture principles to drive and enhance safety practices across the industry.
- **Emergency Preparedness and Response:** Update isolation valve evaluation; enhance public awareness of pipelines. Enhance emergency responder communication and education regarding pipeline locations and appropriate response to pipeline emergencies.
- **New Construction:** Fully implement the 2010-2011 INGAA Foundation Pipe Quality and Construction Action Plans.

INGAA Member Companies

- Alliance Pipeline Ltd.
- Boardwalk GP, LLC
- Cheniere Energy, Inc
- Columbia Pipeline Group
- Dominion
- DTE Pipeline Company
- Enable Midstream Partners
- Enbridge Energy Company, Inc.
- EQT Corporation
- Iroquois Pipeline Operating Company
- Kinder Morgan
- National Fuel Gas Company
- National Grid
- NextEra Energy
- ONEOK Partners
- Pacific Gas & Electric Company
- Piedmont Natural Gas
- Questar Pipeline Company
- Sempra Pipelines and Storage
- Southern Star Central Gas Pipeline
- Spectra Energy
- TransCanada Corporation
- WBI Energy Transmission, Inc.
- Williams Gas Pipeline Company

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