



**Pipeline and Hazardous
Materials Safety Administration**

US DOT Public Awareness Programs

API

2009 Pipeline Conference

Ft. Worth, Texas

April 21, 2009

John A. Jacobi, P.E.

CATS Manager, SW Region



Pipeline and Hazardous
Materials Safety Administration

Outline

- **Mission Statement**
 - **History**
 - **Current Status**
 - **API RP 1162 Revision**
 - **Enforcement**
 - **Supplemental Activities**
 - **Access to PHMSA Regulations**
 - **Additional Resources**
 - **Questions**
-
-



Pipeline and Hazardous
Materials Safety Administration

Pipeline Safety Program Mission Statement

“To ensure the safe, reliable, and environmentally sound operation of the Nation’s pipeline transportation system.”



Pipeline and Hazardous Materials Safety Administration

Scope of PHMSA Jurisdiction

- Over two million miles of pipelines in the U.S. (enough to circle the earth 83 times)
 - 170,000 miles of hazardous liquid pipelines
 - 295,220 miles of gas transmission pipelines
 - 1,900,000 miles of natural gas distribution pipelines
 - 109 LNG plants connected to our natural gas transmission and distribution systems
 - Propane distribution pipelines
 - These pipelines are operated by more than 3,000 companies, large and small
 - Natural gas provides for 24% of U.S. *total energy consumption*; petroleum provides for another 39%
-
-



Why Public Awareness?

The PSIA of 2002 requires owners or operators of a gas or hazardous liquid pipeline facility to carry out a continuing program to educate the public on:

- Use of a one-call notification system prior to excavation;**
 - Possible hazards associated with unintended releases from the pipeline facility;**
 - Physical indications that such a release may have occurred;**
 - Steps that should be taken for public safety in the event of a pipeline release; and**
 - Procedures to report such an event.**
-
-



Why Public Awareness?

- **Reduces third party damages to pipelines**
 - **Reduces injuries & property damage as a result of damages to pipelines**
 - **Educates stakeholders about the hazards of pipeline releases**
 - **Educates stakeholders about recognizing releases**
 - **Educates stakeholders about what to do in the event of a release**
-
-



Pipeline and Hazardous
Materials Safety Administration

Hobson's Choice

Come up with an industry best practice

or

Let PHMSA develop regulations



Before API RP 1162

- **Damage Prevention Programs for Excavators**
 - 192.614(c) and 195.442(c)
 - **Emergency Plans for Fire, Police, & Public Officials**
 - 192.615(c) and 195.402(c)(12)
 - **Public Education**
 - 192.616 and 195.440
 - **Gas Transmission Integrity Management**
 - 192.911(m) & ASME B31.8S, §10
-
-



Pipeline and Hazardous
Materials Safety Administration

Final Rule

- **Published May 19, 2005 (Docket 15852)**
 - **192.616 and 195.440 titled Public Awareness**
 - **Require operators to follow the guidance in API RP 1162, First Edition, December 2003**
 - **Baseline and Supplemental (aka Enhanced) Programs**
-
-



PHMSA Implementation

- **Checklist**
 - **Clearinghouse Review**
 - **CATS Managers**
 - **Negotiation with Operators**
 - **No longer submit PAPs for review**
 - **Be prepared to provide documentation as part of other inspections**
-
-



API 1162 Revisions

- **Blue Ribbon Committee has been meeting for over a year**
 - **Focus is on clarification and streamlining**
 - **Essential elements of existing 1162 will be retained**
 - **PHMSA concern – no “watering down”**
 - **PHMSA is providing technical assistance**
-
-



API 1162 Revisions Focus

- **Supplemental Activities v. Enhancements**
 - **“Should” v. “May”**
 - **Regular mail v. Certified for certain Stakeholders**
 - **Frequencies**
 - **API RP Format**
-
-



API 1162 Revisions Schedule

- **Last meeting was March 24 & 25 – operators only**
 - **Next meeting April 28 & 29 (Houston)**
 - **Plan is to have a draft for full API vetting in June**
 - **API formal approval by end of year?**
 - **PHMSA will review & probably incorporate new version w/in 6 months or so**
-
-



Enforcement

- **Non-issue so far**
 - **If you have a problem with an inspector, contact your CATS**
 - **PHMSA is developing an Integrated Inspection (II) Module for Public Awareness**
 - **When finalized (II) the module will be available on the PHMSA web site**
-
-



Pipeline and Hazardous
Materials Safety Administration

Supplemental Activities (Enhancements)

- **When conditions along the pipeline suggest a more intensive effort is needed:**
 - **High Consequence Areas**
 - **Land Development Activity**
 - **Third-party Damage Incidents**
 - **Pipeline History**
 - **Complete list of considerations in Section 6.2 of current RP 1162**
-
-



Pipeline and Hazardous
Materials Safety Administration

Access to PHMSA Regulations

**The best place to get the most recent
49 CFR Parts 190–199 and 49 CFR Part
40 (Alcohol and Drug Abuse Regs) is:**

www.phmsa.dot.gov/pipeline

- Click on “Training & Qualifications”**
 - Click on “Regulatory Information”**
 - Click on the part you want**
-
-



Additional Resources

- **For Federal Regulations**
www.regulations.gov
 - **If you have the Docket Number, enter it and you will get all of the background and actions that led to the rule**
 - **If you don't have the docket number, use the key word search to find the docket number**
 - **All of the Federal Register notices will be in the docket along with lots of other information**
-
-



Pipeline and Hazardous
Materials Safety Administration

QUESTIONS??

THANK YOU!!

John A. Jacobi, P.E.

713-272-2839 (O)

281-685-7128 (C)

john.jacobi@dot.gov
