



# *Standards and Rulemaking Division*

*John A. Gale  
Director*



## Low Stress II

**Objective:** To extend the pipeline safety regulations to rural low-stress hazardous liquid pipelines previously not covered by 49 CFR Part 195. Could affect about 1,400 miles of pipe.

### **Actions:**

- NPRM published 6/22/2010.
- Comment period ended 8/23/2010.
- Advisory Committee Voted on 12/13/2010.
- **Final Rule May 5, 2011.**



# CRM Implementation Period

**Objective:** Shorten the implementation period for several of the control room management (CRM) requirements from February 1, 2013 to October 1, 2011.

## **Actions:**

- Notice of Proposed Rulemaking published 9/17/2010.
- Advisory committee vote – 3/24/2011.
- **Final rule published June 16, 2011.**



# Safety of On-Shore Hazardous Liquid Pipelines

**Objective:** To address the safety concerns of on-shore hazardous liquid pipelines. Areas that will be addressed include:

- Scope of Part 195 and existing regulatory exceptions
- Definition of high consequence areas (HCAs)
- Leak detection and emergency flow restricting devices (EFRD's)
- Valves spacing
- Repair criteria in non-HCA areas
- Stress corrosion cracking



# Safety of On-Shore Hazardous Liquid Pipelines

## **Actions:**

- Advanced Notice of Proposed Rulemaking published 10/18/2010; comment period closed 2/18/2011.
- NPRM by March 2012



# Safety of Gas Transmission Pipelines

**Objective:** To revisit the requirements addressing the safety of gas transmission pipelines.

**Actions:**

- Develop an Advanced Notice of Proposed Rulemaking (similar to liquid ANPRM).
- ANPRM anticipated publication by Summer 2011
- Among the specific issues PHMSA is considering concerning IM requirements are:
  - definition of a high consequence area (HCA);
  - IM repair criteria



# Safety of Gas Transmission Pipelines

- whether additional or revised requirements are needed concerning operator application of lessons learned through implementing its IM should be placed on the use of specific pipeline program; and
- whether additional restrictions should be placed on the use of specific pipeline assessment methods.



# Safety of Gas Transmission Pipelines

**With respect to non-IM requirements, PHMSA is reviewing:**

- valves, including spacing and remotely operated
- whether requirements for corrosion control of steel pipelines should be strengthened;
- gathering lines; and
- underground gas storage facilities;



# Excavation Damage Prevention

- Section 60114(d) of the Pipeline Safety Statute reads as follows:
  - PROHIBITION APPLICABLE to EXCAVATORS—A person who engages in demolition, excavation, tunneling, or construction—
  - “(1) may not engage in a demolition, excavation, tunneling, or construction activity in a State that has adopted a one-call notification system without first using that system to establish the location of underground facilities in the demolition, excavation, tunneling, or construction area;



## Excavation Damage Prevention

- (2) may not engage in such demolition, excavation, tunneling, or construction activity in disregard of location information or markings established by a pipeline facility operator pursuant to subsection (b); and
- (3) and who causes damage to a pipeline facility that may endanger life or cause serious bodily harm or damage to property—
  - (A) may not fail to promptly report the damage to the owner or operator of the facility; and
  - (B) if the damage results in the escape of any flammable, toxic, or corrosive gas or liquid, may not fail to promptly report to other appropriate authorities by calling the 911 emergency telephone number.



# Excavation Damage Prevention

- Section 60114(f) states that:
  - Secretary of DOT may not enforce paragraph (d) of 60114 unless the Secretary has determined that a States enforcement of its damage prevention laws is in adequate.
  - And that the Secretary shall issue such procedures through a rulemaking proceeding.



# Excavation Damage Prevention

**Objective** of rulemaking is to meet the requirements of the PIPE's Act (60114(f)) by:

- (1) establishing criteria and procedures for determining the adequacy of state pipeline excavation damage prevention law enforcement programs;
- (2) establishing an administrative process for making adequacy determinations;
- (3) establishing the Federal standards PHMSA will enforce in states with inadequate excavation damage prevention law enforcement programs (60114(d)); and
- (4) establishing the adjudication process for enforcement proceedings against third-party excavators where Federal authority is exercised.



# Excavation Damage Prevention

## **Actions:**

- Advanced Notice of Proposed Rulemaking published 10/29/2009; Comment period closed 12/14/2009.
- Notice of Proposed Rulemaking anticipated Fall/Winter 2011.



# Excess Flow Valves (EFV's)

**Objective:** To require the installation of EFV's for multi-family dwellings.

To address a Nation Transportation Safety Board recommendation.

## Actions:

- ANPRM anticipated by Summer 2011.
- Census of the industry Winter of 2011.



## Miscellaneous Rulemaking

**Objective:** To amend the pipeline safety regulations to address petitions for rulemaking, NTSB Recommendation, and recommendations from NAPSR and OPS staff recommendations. Some of the issues the NPRM may address include:

- responsibility to Conduct Construction Inspections -- NAPSR-CR-1-02
  - adding requirements for National Pipeline Mapping System
  - elimination of the provision in 192.65(b) related to the transportation of pipe – NTSB recommendation
- **Actions:**
  - NPRM anticipated Spring 2011.



# Plastic Pipe

**Objective:** To address a number of issues related to the use of plastic pipe in natural gas pipelines. The proposal may address:

- Petitions related to PA-12, 0.4 design factor, ASTM Standard D2513.
- Staff recommendations.

## **Actions:**

- ANPRM anticipated Winter 2011



# Standards Update

**Objective:** To incorporate by reference new editions of voluntary consensus technical standards. This action allows pipeline operators to use current technologies, improved materials, and updated industry and management practices.

PHMSA is in the process of identifying those standards to be included in the next Standards Update rulemaking.

No time frame has been established