



Pipeline Standards and Rulemaking Division: Current Rulemakings in Process

John A. Gale
***Director, Pipeline Division of Standards &
Rulemaking***



Rule Process

- Significant rules
 - PHMSA - OST – OMB – Federal Register
 - Additional review time
- Non-Significant rules
 - PHMSA - Federal Register
- OMB Determines what rules are Significant
 - 8 of 9 PHMSA rulemakings are or expected to be designated as Significant rulemakings



Current Rulemakings in Process

Safety of On-Shore Hazardous Liquid Pipelines (NPRM stage)

- ❑ NPRM moved past PHMSA
- ❑ ANPRM published 10/18/2010
- ❑ Major topics under consideration:
 - Assessments beyond High Consequence Areas (HCAs)
 - Leak detection beyond HCAs
 - Repair criteria in HCA and non-HCA areas
 - Stress Corrosion Cracking (SCC)
 - Piggability of lines
 - Reporting requirements for Gathering lines
 - Gravity Line exception



Current Rulemakings in Process

Safety of Gas Transmission Lines (NPRM stage)

- ❑ NPRM under development within PHMSA
- ❑ ANPRM Published 8/25/2011
- ❑ Major Topics under consideration:
 - Expansion of IM requirements beyond HCA's
 - Definition of HCA
 - Repair criteria for both HCA and non-HCA areas
 - Assessment methods
 - Valve Spacing
 - Corrosion control
 - Gas gathering



Current Rulemakings in Process

Integrity Verification Process

- Issues and alternatives under development
- Topics raised in Gas Transmission ANPRM
- Recommendations from NTSB
- Areas for consideration:
 - Data from revised Gas Transmission Annual Report
 - Grandfather clause
 - Miles of GT pipe for which operators have incomplete records to verify their MAOP
 - Piggability of Gas Transmission lines



Current Rulemakings in Process

Excavation Damage Prevention (Final Rule stage)

- Final Rule moved past PHMSA
- Adv. Committee approval vote December 2012
- NPRM published 4/2/2012
- Major Topic
 - Enforce damage protection laws in States that have inadequate enforcement to protect safety. Complies with PIPE's Act 60114(f).



Current Rulemakings in Process

Miscellaneous Rulemaking (Final Rule stage)

- Final Rule moved past PHMSA
- Adv. Committee approval vote in 7/2012
- NPRM published 11/29/2011
- Major Topics
 - performance of post-construction inspections
 - leak surveys of Type B onshore gas gathering lines
 - requirements for qualifying plastic pipe joiners
 - regulation of ethanol
 - the transportation of pipe



Current Rulemakings in Process

EFV Expansion beyond Single Family Residences (NPRM stage)

- ❑ NPRM moved past PHMSA
- ❑ ANPRM published 11/25/2011
- ❑ *Major Topics*
 - *Rule will propose to require EFVs for:*
 - *branched service lines serving more than one single family residence*
 - *multi-family residential dwellings*
 - *commercial buildings*



Current Rulemakings in Process

Standards Update (Final Rule stage)

- ❑ NPRM published 8/16/2013 (today's mtg)
- ❑ Major Topics:
 - Addresses the set of IBR standards throughout PHMSA's part 192, Part 193 and Part 195 code with updated revisions of standards from all standard organization bodies.
 - This NPRM would impact 22 of the 60+ standards that we currently IBR.
 - Per recent statute (Section 24, revised) all IBR standards pertaining to PSR must be available for free to the public. (Most SDOs comply)
 - ANSI IBR portal – ibr.ansi.org



Current Rulemakings in Process

Part 190 (Completed)

- ❑ Final Rule Published September 25, 2013
- ❑ Adv. Committee approval vote December 2012
- ❑ Major Topics
 - Addresses issues related to Part 190 and with reauthorization issues related to:
 - OPA enforcement
 - Civil penalties
 - Administrative enforcement process



Current Rulemakings in Process

Operator Qualification, Cost Recovery and Other Pipeline Safety Proposed Changes (NPRM stage)

- NPRM under development
- This rule will address reauthorization issues related to:
 - Operator Qualification for new construction
 - Incident Reporting
 - Cost Recovery
 - Carbon dioxide
 - Renewal process for special permits
 - Other issues to be determined



Current Rulemakings in Process

Plastic Pipe (NPRM stage)

- ❑ Drafting NPRM to address the following plastic pipe topics:
 - Focus on gas lines
 - Authorized use of PA12 at higher pressures
 - AGA petition to raise D.F. from 0.32 to 0.40 for PE pipe
 - Enhanced Tracking and traceability
 - Miscellaneous revisions for PE and PA11 pipelines
 - Additional provisions for fittings used on plastic pipe



Current Rulemakings in Process

Rupture Detection and Valve Rule (NPRM stage)

- ❑ This rule will establish and define rupture detection and response time metrics including the integration of Automatic Shutoff Valves (ASV) and Remote Control Valve (RCV) placement as necessary, with the objective of improving overall incident response.
- ❑ This rule responds to:

Requirements of the Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011 (The Act):

- Section 4: ASV/RCV or equivalent technology be installed on newly constructed or entirely replaced natural gas and hazardous liquid transmission pipelines 2 years after the act was issued
- Section 8: Require operators of hazardous liquid pipeline facilities to use leak detection systems and establish standards for their use.



Current Rulemakings in Process

Rupture Detection and Valve Rule (NPRM stage)

- NTSB Recommendation P-11-10 (gas) which requires transmission and distribution operators to equip SCADA systems with tools to assist with recognizing and pinpointing leaks.
- ❑ The Act also mandated two studies of leak detection and response, one by the GAO, and one by PHMSA.
- ❑ In March of 2012, PHMSA commissioned the Oak Ridge Laboratory to study the ability of transmission pipeline facility operators to respond to a hazardous liquid or natural gas release from a pipeline segment located in a high consequence area (HCA).