NAPSR UPDATES
NGA FALL OPERATIONS CONFERENCE
October 4, 2018

Gary Kenny
Gas Safety Manager
Maine Public Utilities Commission
WHAT IS NAPSR?

- National Association of Pipeline Safety Representatives
- Formed as a non-profit corporation in 1982
- No income, but PHMSA supports us by providing an Administrative Manager (Robert Clarillos)
- State gas safety programs work closely with PHMSA and conduct their own inspections and enforcement in states with certifications
- 50 state programs (AK and HI no programs; Puerto Rico and Washington DC included) - 14 states also have hazardous liquid programs - several states also have interstate status
- 5 meetings held in Regions; 1 National Meeting (each held on an annual basis)
NAPSR MISSION

“To strengthen pipeline safety programs by improving pipeline safety standards, and promoting education, training and the integration of new technology”
NAPSR FOCUS FOR 2018 & 2019

- Review all issued PHMSA NPRMs and Final Rules and provide input from the perspective of state regulators
- Develop more cohesive relationship with our PHMSA “Partners”
- Continue to work with industry organizations to discuss issues and consider all viewpoints on rulemaking and standards
- Continue inspection and enforcement efforts
- Review operators’ annual reports for accuracy and completeness
NAPSR FOCUS FOR 2018 & 2019 (continued)

• Improving State Damage Prevention Programs – Get and Maintain Adequacy

• Implement plans to meet PHMSA’s Inspection Person-Day Requirements

• Implementation of “FARM TAP” Rule (§192.740) or Not?

• Expansion of “GATHERING LINE” definition and reporting requirements
ENFORCEMENT TRENDS

- Distribution Integrity Management Programs (DIMP) continues to be an inspection focus.
- Safety Management Systems (SMS) is gaining support from the states.
- Reports from the states indicated that not much has changed during 2017 in inspection priorities or violations.
- Equivalent (alternative) enforcement will continue vs. civil penalties in some cases.
- PHMSA has hired majority of 109 positions. Hiring is currently “frozen” due to lack of budget. New “Accident Investigation Division” (AID) looking to add personnel.
- Some states have difficulty finding and hiring and retaining qualified personnel.
Gas Transmission Incidents 2009 - 2017

- ALL OTHER CAUSES
- CORROSION
- EXCAVATION DAMAGE
- INCORRECT OPERATION
- MATERIAL/WELD/EQUIP FAILURE
- NATURAL FORCE DAMAGE
- OTHER OUTSIDE FORCE DAMAGE
ACCIDENT/INCIDENT TRENDS

- What do incident trends tell us about pipeline safety threats?
  - Excavation Damage continues to be the top threat for Distribution piping
  - Time dependent threats (Material, weld or joint failure, corrosion) are the top threats for Transmission and hazardous liquid lines
  - Damage Prevention programs appear to be effective
  - A Safety Management Systems approach may be helpful
RECENT REGULATIONS
2016 REAUTHORIZATION OF THE PIPELINE SAFETY ACT

- PIPES Act signed by President Obama on June 22, 2016
- There were several mandates related to information technology, Underground Storage, Emergency Order Authority for PHMSA, enhanced incident reporting, transmission odorization study, underground storage, etc.
- Next Reauthorization will be in 2020. NAPSR would like to see additional funding for base grants
- NAPSR reviews and discusses items related to Reauthorization with PHMSA and with industry organizations
PHMSA has completed the reviews of the state DP Programs. Reviews completed in 2016 and 2017.

Some state DP programs were deemed inadequate.

If necessary, PHMSA will follow enforcement guidelines for states with inadequate DP rules or programs per Part 198.

PHMSA can enforce on violating excavators in states without an adequate DP program under Part 196; it remains to be seen to what extent this will occur.

Some states may initiate legislation to improve their damage prevention laws.
EXCESS FLOW VALVES

Pipeline Safety: Expanding the Use of Excess Flow Valves in Gas Distribution Systems to Applications Other Than Single-Family Residences

Effective Date: April 14, 2017 - (Final Rule)

- § 192.381 Service lines: Excess flow valve performance standards.
  - (Amended) - Removed “single residence”

- § 192.383 Excess flow valve installation. (Amended) - Added “Branched service line”; several changes to (b) “Installation Required”; added (c) “Exceptions to excess flow valve installation requirement”

- § 192.385 Manual service line shut-off valve installation. (Added)
Pipeline Safety: Miscellaneous Changes to Pipeline Safety Regulations: Response to Petitions for Reconsideration of §192.305 Construction Inspection (9/30/2015)

- 192.305 Final Rule implementation of this particular subsection was delayed due to controversy, comments and NAPSR petition.
- 192.305 Working Group was formed by PHMSA to evaluate and discuss rule and come up with alternative wording.
- Some initial efforts, then the PHMSA lead person left the group.
- Working group on hold awaiting PHMSA direction and appointment of new lead. Two for One directive may be affecting the progress of this part of the rule.
Enhanced Emergency Orders

- Pipeline Safety: Enhanced Emergency Order Procedures
  Effective Date: October 14, 2016 - (Interim final rule)

  - Establishes regulations implementing the emergency order authority conferred on the Secretary of Transportation

  - Changes to Part 190 includes definitions for “Emergency Order” and “Imminent Hazard”

  - Emergency order means a written order imposing restrictions, prohibitions, or safety measures on affected entities
OQ AND MISC. RULES

Pipeline Safety: Operator Qualification, Cost Recovery, Accident and Incident Notification, and Other Pipeline Safety Changes

• Effective Date: 3/24/2017 (Final Rule)

• § 192.225 Welding procedures

• § 192.227 Qualification of welders

• § 192.631 Control room management

• § 192.740 Pressure regulating, limiting, and overpressure protection—Individual service lines directly connected to production, gathering, or transmission pipelines

• OQ portion of rule postponed
INTEGRITY MANAGEMENT PROGRAM
ADVISORY BULLETIN

Pipeline Safety: Guidance on Training and Qualifications for the Integrity Management Program
- Advisory Bulletin (ADB–2017–02)

Effective Date: 4/10/2017

• Advisory Bulletin to remind operators of natural gas transmission pipelines of PHMSA’s expectations regarding how mature IM programs should implement the training and qualification requirements included in § 192.915 and discussed in ASME B31.8S–2004
PIPEs Act (Section 12) requires PHMSA to have safety standards in place for underground storage facilities within 2 years of effective date of the Act.

Interim Final Rule published in FR on December 19, 2016.

Interim Final Rule incorporates API RP 1170 and 1171 as guidance.

Mandate and Interim Final Rule consideration of the results of Aliso Canyon Task Group (Section 31) in development of regulations.

User Fees have been set up by PHMSA.

PHMSA State Programs is in process of evaluating how to implement the inspection program. Will all states PS programs be certified to inspect? PHMSA is working on developing a new certification program for UG storage.

Some states already inspect via another department (i.e. “Department of Natural Resources” etc.) Need to determine if integration makes sense.
NAPSR is supportive of SMS and provided personnel to work on original API SMS document.

Several NAPSR State Program Managers participated in AGA workshop in April 2018 and also provided NAPSR input to the API SMS committee.

NAPSR feels that SMS can work on any scale with sensible structuring of the individual programs.
API NEW GATHERING LINE RECOMMENDED PRACTICE (RP 80)

- Several NAPSR program managers were on the API committee. NAPSR has now withdrawn. Letter sent to API on May 14, 2018.
- It appears that the API had already started efforts before the committee was formed. ANSI process was not completely followed.
- New gathering line RP has evolved into combined RP 80 which is incorporated by reference.
- PHMSA will need to decide if new RP 80 will continue to be incorporated by reference.
- Are the details important or is the end result and the scope of the RP (what pipelines it applies to, etc.) the important issue?
- NAPSR will continue to review and provide comments.
192.740 FARM TAPS

- FAQ’s were issued after discussion with NAPSR, then pulled back by PHMSA
- Chris McLaren (PHMSA) is currently monitoring and will report back when PHMSA secondary analysis is completed
- Did it meet the cost-benefit analysis requirements?
- An anticipated Temporary Stay of Enforcement is still pending Approval
- States will enforce for immediate hazards, only
OPERATOR QUALIFICATION FINAL RULE – NPRM
Published July 10, 2015, also included revisions to 192.631 CRM. NAPSR participating in working group. RULE HAS CURRENTLY BEEN PUT ON HOLD

Rupture detection and valves rule – in progress

Gas Transmission and Gathering Line NPRM (Mega-Rule) – Still in progress. Response volume was large, PHMSA still considering - NAPSR made comments, mostly in favor of the changes – Rule now split into three areas, Mandated items, Other integrity related items, and gathering lines.
NAPSR ORGANIZATIONAL EFFORTS

Task Groups & Committees, Compendium, Strategic Plan, Web Site
NAPSR Compendium is updated and issued periodically

The Compendium highlights state regulations that exceed the Federal minimum standards

State regulations are listed by administrative rule or statute reference

NAPSR committee is working on this as we speak. Next issue is targeted for the end of 2018

The current version (2013) is on the NAPSR web site at:
http://www.napsr.org/Pages/Compendium.aspx
COMMITTEES AND TASK GROUPS

- NAPSR has approximately 47 “task groups”, along with 3 Standing Committees, (Legislative, Liaison and Grant Allocation and Strategic Planning)

- NAPSR Grant Allocation Committee reviews all One Call Grants and provides input on other grants and reviews State Program Guidelines, publishes Strategic Plan, etc. (PHMSA makes the final decisions on grants)

- A list of all NAPSR standing committees and Task Groups is listed on the public web site: http://www.napsr.org/committees
CURRENT NAPSR TASK GROUPS HIGHLIGHTS

- Continue to monitor API Gathering Line committee work and comment as appropriate
- AGA-DCA OQ Integrity for Contractors document – comments submitted
- NAPSR Participation in API RP 1169 Pipeline Construction Inspection – Meeting held May 3rd in Houston, TX
- API RP 1162 Public Awareness – 3rd Edition Re-Write, in progress, NAPSR is participating on the committee
- Other reviews requested by AGA or APGA (purging standard, odorization, etc.)
NAPSR submits “Resolutions” to PHMSA if an issue arises that concerns the membership

Resolutions are suggested changes to rules, processes, etc. usually between NAPSR and PHMSA (voted on by membership at regional and national meetings)

Resolutions can also be new ideas to increase pipeline safety

PHMSA reviews and responds to the Open Resolutions

Open and Closed Resolutions are posted on the NAPSR public site at: http://www.napsr.org/resolutions.html
EMPLOYMENT OPPORTUNITIES

The states have job openings for pipeline safety positions that are posted on the NAPSR public web site:

http://www.napsr.org/employment-opportunities.html
NAPSR WEB SITE
(www.napsr.org)

- Contains contact information for all state Program Managers
- News & Events tab, includes NAPSR schedule of Region and National meetings
- News articles, Press Releases, etc.
- NAPSR Strategic Plan
- Task Group list with members listing
- Contact Administrative Manager, Robert Clarillos, rclarillos@gmail.com for additional questions related to web site or the NAPSR organization
THANK YOU!

Questions?