

Welcome – Purpose & Objectives

- Welcome
- Thank you for attending
 - In-Person and Virtual
- Today's agenda is
 - Detailed, Informative, & Full
- Involves UNGS impacts on:
 - Public Safety & Health
 - The Environment
 - Local Communities
- Introduce the PHMSA UNGS Team
- Where we've been & where we're going



Welcome – Purpose & Objectives Cont'd

Welcome, everyone!

Welcome to those both here in person, and via the webcast.

Thank you for attending this meeting. We hope to have conversation with our stakeholders, share information, request feedback, etc.

Not proposing any new rules or regulations



Welcome – Purpose & Objectives Cont'd

PHMSA's primary role is to establish minimum safety standards (regulations) and to verify that the operators perform to these standards.

Operators have a responsibility to *understand, safely manage, and communicate* the risks and changes (safety conditions) associated with their pipelines and UNGSF.

PHMSA strived to advance safety beyond mere compliance with the regulations.

Focus is on *performance* and *behavioral change*.



Welcome – Purpose & Objectives Cont'd

- Communicate for Underground Natural Gas Storage:
 - Safety, health, environmental, and local impacts,
 - Summarize previous actions PHMSA has taken,
 - Discuss Lessons Learned, and
 - Next steps
- Listen to input from stakeholders
- Workshop comments may be posted on:
 - www.regulations.gov
 - Docket: PHMSA-2023-0009
- Presentations and handouts:
 - Will be made available on the PHMSA meeting page



UNGS Meeting: Purpose & Objectives

❖ Introductions of UNGS Team

- ❖ Catherine Washabaugh – Operations Supervisor
- ❖ James Pfeifle – Program Manager
- ❖ Samuel Aguirre – Inspector
- ❖ Seth Dickson - Inspector
- ❖ Brian Gistand – Inspector (currently deployed)
- ❖ David Hippchen – Inspector
- ❖ Abey John - Inspector
- ❖ Tuan Tran – Inspector
- ❖ Jonathan Wohlhagen – Inspector



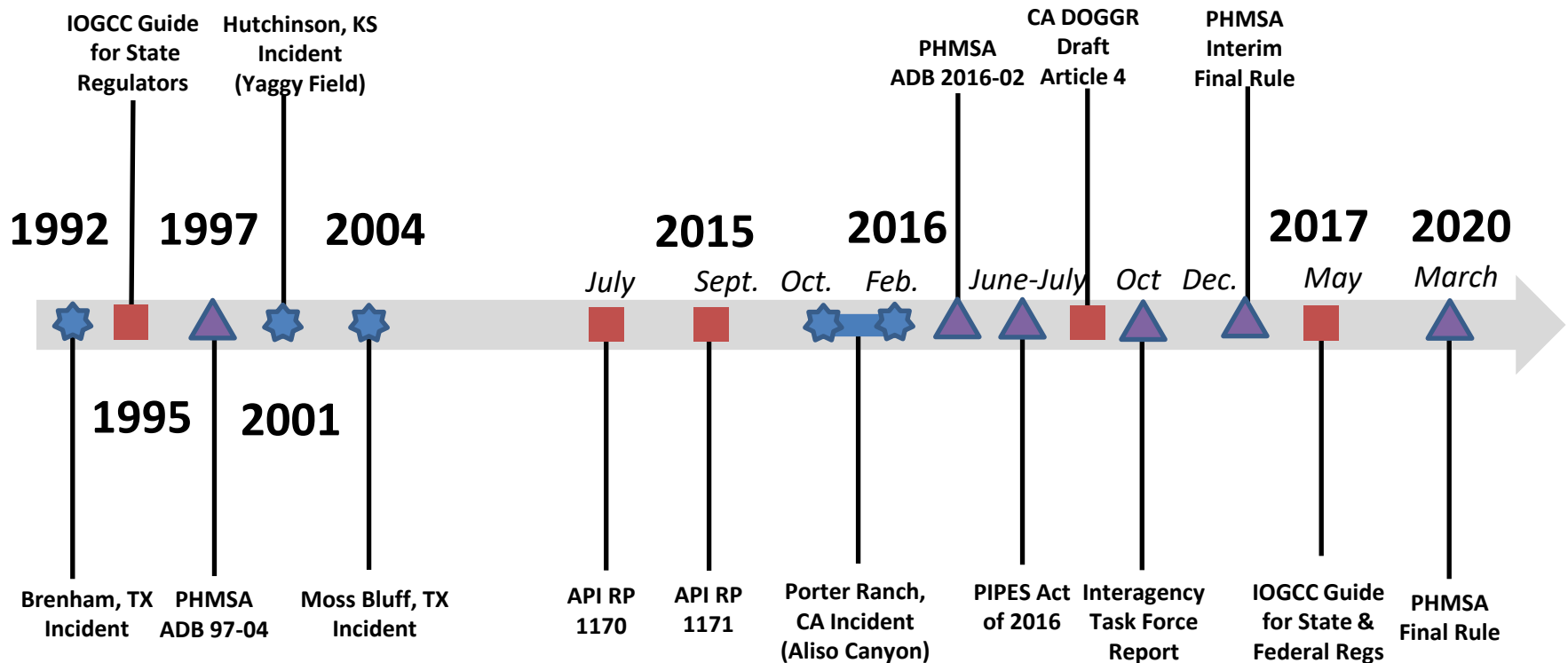
Welcome – Purpose & Objectives Cont'd

Where we've been:



Welcome – Purpose & Objectives Cont'd

Where we've been:



Aliso Canyon Incident



Time is of the Essence

- Aliso Canyon Incident began October 2015
- Industry had published two API RP standards, 1170 & 1171 (American Petroleum Institute – Recommended Practices) for UNGS Facilities in July and September 2015.
- January 2016 INGAA petitioned PHMSA to incorporate both API RP's by reference into 49 CFR Part 192 as quickly as possible.



Immediate Action Needed

- Administration appointed an Interagency Task Force on Natural Gas Storage Safety, to focus on 3 key areas:
 - Well Integrity
 - Public Health & Environment
 - Energy Reliability
- Multiple public workshops, industry and stakeholder engagements in 2016 resulting in 21 recommendations across 5 subject areas in the Task Force's Final Report
- IFR was published December 2016



IFR to Final Rule (FR)

- After the IFR, PHMSA considered 82 additional public comments. All comments were reviewed and considered for potential amendments to the Final Rule
- Preamble to the rule addressed comments. For example, PHMSA accepted the recommendation to adopt the RP's 1170 & 1171 as originally written by API without modifications, as well as modifying the definition of UNGS facilities
- During 2017, the Implementation Team conducted multiple Site Assessments for all types of UNGS facilities through-out the country, while simultaneously developing inspection criteria and a training program.



Welcome – Purpose & Objectives Cont'd

Where we've been:

- Development of Inspection Team
- Development of Inspection Questions
- 2017 Initial Site Assessments
- 2018-2022 – Initial round of inspections, touching over 400 UNGS Facilities and 130 Operators



Welcome – Purpose & Objectives Cont'd

Where we're going:

Improved Safety



Welcome – Purpose & Objectives Cont'd

Where we're going:

Reduced Methane Emissions



Welcome – Purpose & Objectives Cont'd

How do we get there?

- Working together
- Sharing ideas and improvements
- Learning from the past
- Listening to each other
- Engaging in new research to improve technologies



ANY
QUESTIONS

