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Exhibit No. 8-D

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Data Gathering and Other Initiatives to Improve Pipeline Safety
Presentation by Christina Sames
American Gas Association

(12 Pages)



Data Gathering and Other Initiatives to Improve Pipeline Safety

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About AGA

- Founded in 1918
- Represents 199 local energy companies that deliver natural gas throughout the U.S.
- There are nearly 70 million residential, commercial and industrial natural gas customers in the U.S.; 91% receive their gas from AGA members

AGA Operations Best Practices Program

- Identifies procedures of top-performing companies and innovative work practices that may be used to continuously evaluate and improve participants' unique operating systems
- Three focus areas:
 - Benchmarking
 - Roundtables
 - Questionnaires



Transmission

Overpressure Protection and Devices
 Smart Pigging
 Pipeline Integrity: EC, IC, SCC
 Damage Prevention and Preventive & Mitigative Measures
 Public Education/Public Awareness
 Risk Assessment

Supplemental Gas

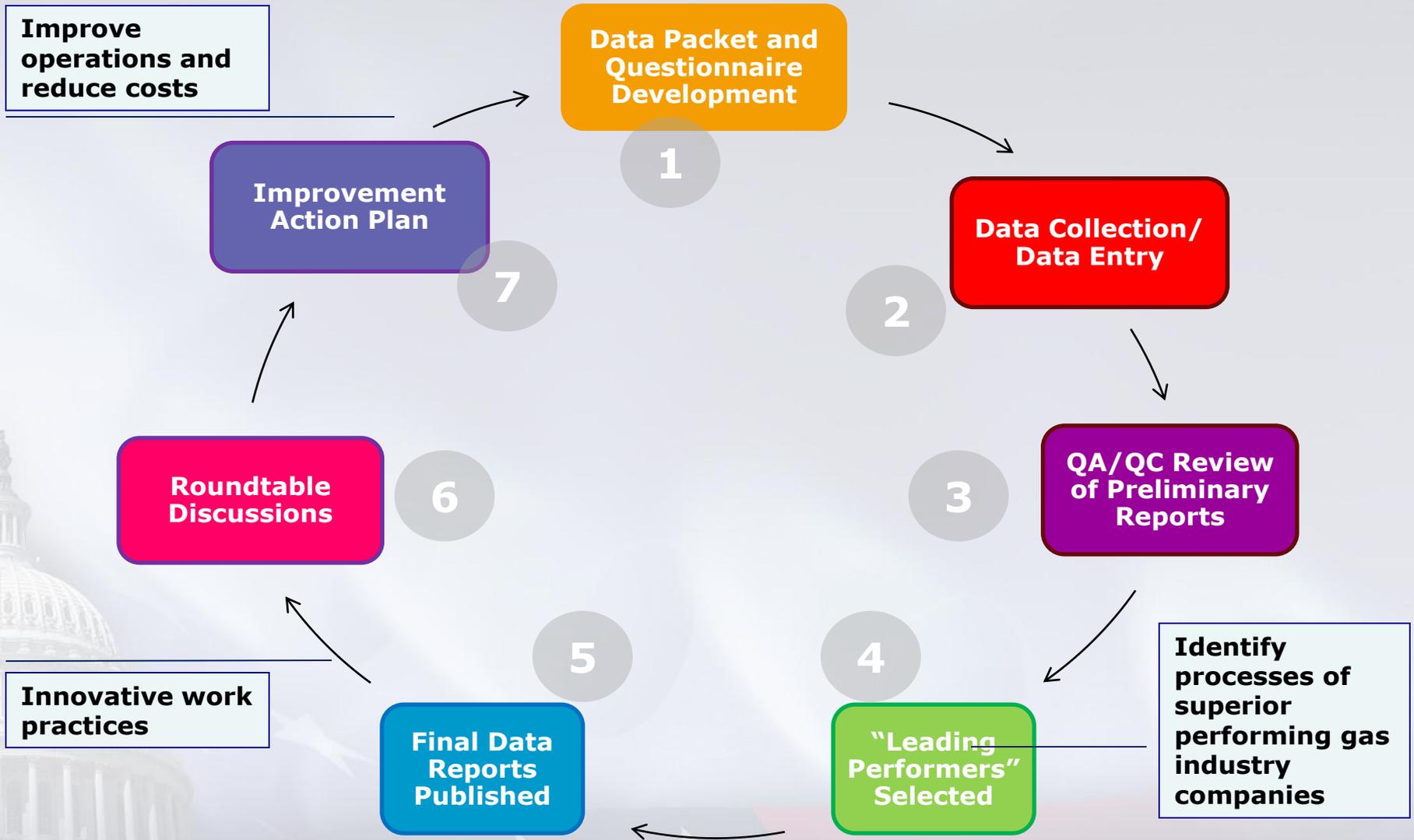
Relief Valve Testing
 Maintenance Practices
 Fire Fighting
 Process Safety
 Technical Training

Distribution

Damage Prevention
 External Corrosion Prevention
 Leak Management
 Main & Service Replacement
 System Regulation
 Emergency Response



Best Practices Benchmarking: A Continuous Process



Best Practices Benchmarking

- Collect statistical and cost data for each benchmarked topic
- Determine company effectiveness and cost efficiency based on productivity and service level measures. Data is not normalized or audited
- Enables participating companies to perform internal data analysis to identify peer companies and potential top performers

Best Practices Roundtables

- Top-performing companies explain their procedures and practices
- Special presentations by companies with unique practices
- Shared operational challenges are identified
- Participants share company practices to successfully address the shared challenges
- Industry peers discuss realistic benefits that can be achieved, and note elements that must be considered, when implementing each practice
- Participants vote on practices best suited to address challenges; top selected practices are deemed “best practices”

Best Practices Questionnaires

- Collect information on processes and procedures specific to each topic
- Allows for the identification of trends in operational processes
- Provide companies with opportunity to share experiences regarding new technologies and methodologies

Other Ways to Improve Safety: Publications (sample)

- Gas Engineering and Operating Practices (GEOP):
 - Transmission/Compressor Station Operations
 - Transmission, Automation and Telecommunications
 - Transmission, Gas Control
 - Distribution Mains and Services – Operating Considerations
 - Corrosion Control/System Protection
- Gas Piping Technology Committee (GPTC):
 - Review of Integrity Management for Natural Gas Transmission Pipelines
 - Guide for Gas Transmission and Distribution Piping Systems
- A Guide to Controlling Natural Gas in Emergencies
- Improving Contractor Safety in the Natural Gas Industry

Other Ways to Improve Safety: Publications (sample)

- Gas Controller Training
- Gas Pipeline Controller Risk Analysis
- Alarm Management for Control Room Operations in the Natural Gas Industry
- Natural Gas Pipelines and Unmarked Sewer Lines: A Damage Prevention Partnership
- Directional Drilling Damage Prevention Guidelines
- Odorization Manual
- Purging Principles and Practice
- Distribution Pipe: Repair and Replacement Decision Manual

<http://www.aga.org/Pubs>

Other Ways to Improve Safety:

Knowledge Sharing: In 2010

- 65 Topical Forums/2700 members
- 16 Technical Committees, including
 - Gas Control
 - Distribution/Transmission Engineering
 - Safety & Occupational Health
 - Utility/Customer Field Service
 - Operations Safety Regulatory Action
- 9 Publications plus other documents
- 80 "SOS" inquiries facilitated
- 90 Board Safety Priorities Completed

Questions?

