

# Indiana Utility Regulatory Commission

*2018 Pipeline Safety Division Updates*





# Overview



# Overview

- **Why Are We Here?**
- **Pipeline Safety Division Background and Authority**
- **Certification and PHMSA Requirements**
- **Organization Structure**
- **Staff**
- **Expectations**
- **Plans Moving Forward**



# Why Are We Here?



# New London, TX – 1937



LONDON HIGH SCHOOL BEFORE EXPLOSION



# New London, TX - 1937

## Gas Leak (No Odorant) - 298 Children killed





# Richmond, IN – 1968 Corrosion Gas Leak – 41 Killed, 150 Injured





# San Bruno, CA - 2010 System Breakdown/Mult. Causes - Eight Killed







# East Harlem, NYC - 2014

## Mult. System Failures - Eight Killed, 70+ Injured





# Lafayette, IN – 2002 Excavation Damage – Four Homes Destroyed





# Why Are We Here?

- **Learn**
- **Ask Questions**
- **Develop Relationships**
- **Improve Safety**
  - **For the Public and Employee Safety**
  - **For Environment**



# Background and Authority



# Natural Gas Pipeline Safety Act of 1968

- Established regulatory authority over **ALL** pipelines with the **United States Department of Transportation**.
- Required **State Certification Process** to delegate authority to the states to oversee enforcement
- Required the development of **Minimum Pipeline Safety Standards (Design, Installation, and Operation and Maintenance)**
- The **Pipeline Safety Division** was created in 1971 (IC 8-1-22.5)



# Statutory Requirements

**(Ind. Code 8-1-22.5-4) The Division, acting through the Commission, shall:**

- **Administer and require compliance with Federal pipeline safety standards**
- **Establish, by rules and regulations of the Commission, minimum pipeline safety standards which shall not be less stringent than Federal pipeline safety standards**
- **Require pipeline operators to correct hazardous conditions found through the issuance of hazardous condition orders**
- **Review pipeline related incidents and accidents which meet certain criteria**
- **Keep itself informed as to R&D regarding pipeline safety**



# Statutory Requirements (cont.)

## **(Ind. Code 8-1-26) Damage to Underground Facilities:**

- **The Pipeline Safety Division is required to investigate each alleged violation of the One-Call Law and forward its findings to the Underground Plant Protection Advisory Committee which then reviews and makes recommendations for civil penalties to the IURC**



# Certification and PHMSA Requirements





# Certification

- Pipeline Safety Division Inspectors **MUST** complete extensive training provided by PHMSA
- PHMSA provides ongoing technical support to State programs to ensure compliance
- State program requirements are detailed in PHMSA's "Guidelines for States Participating in the Pipeline Safety Program"
- Up to 80% of the IURC's Pipeline Safety Division's annual costs are reimbursed by PHMSA through Base Grants
- Grant reimbursement % dependent on program compliance with Guidelines measured by Annual Progress Report and Field Evaluation



# Inspection Areas

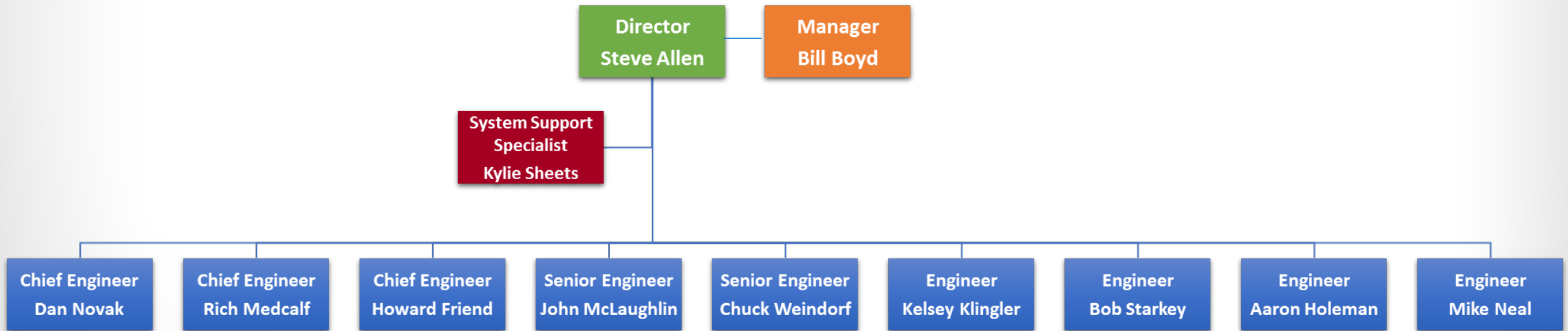
- **Damage Prevention**
- **Corrosion Protection**
- **Operator Qualification and Training**
- **O&M Records and Procedures**
- **System Design and Construction**
- **Integrity Management**
- **Pressure Regulation**
- **Emergency Response**
- **Drug and Alcohol Compliance Program**
- **Public Awareness**
- **Incident Reporting and Investigation**
- **Control Room Management**
- **Reporting and Documentation**



# Organization Structure



# Pipeline Safety Division Organization





# Subject Matter Experts

- **Dan Novak (Chief Engineer)**
  - *Integrity Management, O&M, CRM*
- **Rich Medcalf (Chief Engineer)**
  - *Operator Qualification, O&M, Gathering Lines*
- **Howard Friend (Chief Engineer)**
  - *Drug and Alcohol, Incident Investigation, O&M, Pressure Regulation*
- **John McLaughlin (Senior Engineer)**
  - *Public Awareness*
- **Chuck Weindorf (Senior Engineer)**
  - *Corrosion, CRM*
- **Aaron Holeman (Engineer)**
  - *Damage Prevention*



# Expectations



# What Can You Expect From Us

- Professional
- Knowledgeable
- Reasonable
- Thorough
- Timely Communication of Findings
- NO NIGYSOB
- Willingness to Partner With You to Find Solutions to Problems and/or Provide Training
- Consistency



# What We Expect From You

- **BE !**
  - **Be Involved and Engaged**
  - **Be Observant**
  - **Be Knowledgeable**
  - **Be Safe**
  - **Be Intentional**
  - **Be Aware**
  - **Be In Compliance**
  - **Be Thorough**
  - **Be Prepared**
  - **Be Open and Honest (No NIGYSOB)**





# Plans Moving Forward



# Developments and Projects in Progress

- **New Database**
  - Inspections
  - Excavation Damages
  - Operator Annual Reports
- **Risk Model**
- **Newsletter**
- **Website**
- **Post-Inspection Communications**
- **Enforcement Protocols**



# Questions?



# Indiana Utility Regulatory Commission

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