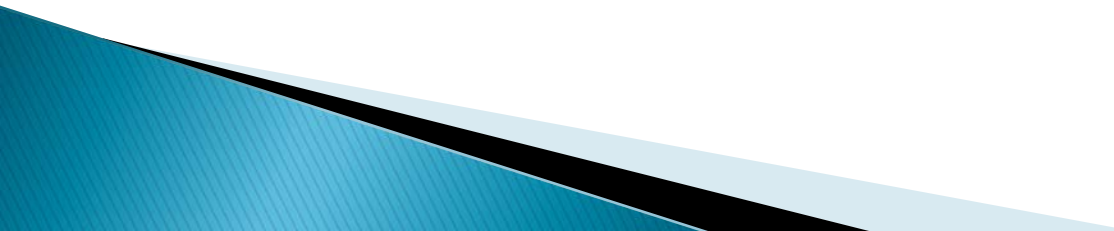


# DIMP



May 14–16, 2013  
French Lick, IN

# Required Elements

- ▶ Knowledge
  - ▶ Identify threats
  - ▶ Risk model
  - ▶ Risk reduction, mitigation
  - ▶ Measure performance
  - ▶ Program evaluation
  - ▶ Report results
- 

# Required Elements

## ▶ Knowledge

### ◦ Know your system

- Records – pressure tests, pressure charts, leak surveys, cathodic protection surveys, material invoices, etc.
- When records do not exist, establish plan to uncover and/or determine what is unknown.


# Required Elements

- ▶ Identify Threats (49 CFR 192.1007)
  - If not a threat, why?
  - Supporting evidence for your decision?
  - Threat Categories:
    - Corrosion
    - Natural forces
    - Excavation damage
    - Other outside force damage
    - Material/welds
    - Equipment failure
    - Incorrect operations
    - Other concerns

# Required Elements

- ▶ Risk Model
  - Likelihood of an event times consequences
  - Keep it as simple as possible
- ▶ Risk Reduction Mitigation

# Required Elements

- ▶ Measure performance, monitor results, and evaluate effectiveness
    - Hazardous leaks eliminated or repaired categorized by cause
    - Excavation damages
    - Excavation tickets
    - All leaks eliminated or repaired categorized by cause
    - Hazardous leaks eliminated or repaired categorized by material
    - Additional measures operator chooses to track for program evaluation
- 

# Required Elements

- ▶ Periodic evaluation of program
  - Reevaluate threats
  - System changes – increase in complexity
  - Risk of failure
  - Five years maximum interval – August 2016
- ▶ Report results from:
  - Hazardous leaks eliminated or repaired categorized by cause
  - Excavation damages
  - Excavation tickets
  - All leaks eliminated or repaired categorized by cause
  - Hazardous leaks by material are not required to be reported
  - Required measure for program effectiveness