ADOPTING API RP 1173 AT CON EDISON: ROAD TO IMPLEMENTATION

Northeast Gas Association
2017 Spring Operations Conference
April 6, 2017
AGENDA

• Background
• Initial Challenges
• GAP Analysis
• Road to Implementation
BACKGROUND

- 1.1 million gas customers
- 370,000 gas services
- 94 miles of transmission mains
- 4,300 miles of distribution mains
- 1 LNG plant
INITIAL CHALLENGES

- No SMS in place
- Resources
- Change fatigue
GAP ANALYSIS

• Consultant instead of in-house analysis
  – Resolves resource constraints
  – Industry expertise
  – Unbiased perspective
  – Quick results

• Focus on breadth, and some depth

• Steering Committee
  – Executive Sponsor
  – 11 members
    • Cross section of internal stakeholders
**GAP ANALYSIS**

**Baseline Assessment Tasks**

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<th>TASK 1</th>
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<tr>
<td><strong>Project Mobilization</strong></td>
<td><strong>Document Review &amp; Interviews</strong></td>
<td><strong>Current State Analysis</strong></td>
<td><strong>Gaps Analysis &amp; Challenge Session</strong></td>
<td><strong>Documentation</strong></td>
<td><strong>Final Report</strong></td>
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<td>Kick off meeting for members of the project team to establish scope, project approach, communication plan, and milestones.</td>
<td>Collection and review of information about the existing PSMS. Data gathered through 150+ documents reviewed and nearly 100 interviews with key utility personnel. 265+ shall statements condensed to 30 questions.</td>
<td>Establish existing Con Edison practices that align with API RP 1173. Review findings with steering committee.</td>
<td>Determine the specific gaps as identified by the findings. Review with steering committee through a challenge session.</td>
<td>Document an inventory of processes, practices, and procedures impacted by the gaps analysis. This identifies and prioritizes opportunities to improve conformance with API RP 1173.</td>
<td>Validate the findings and share them with the Con Edison project manager in a Power Point document, which will serve as the project’s final report.</td>
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<th>Week 0</th>
<th>Weeks 1-5</th>
<th>Weeks 5-7</th>
<th>Weeks 6-10</th>
<th>Weeks 10-11</th>
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**conEdison**
GAP ANALYSIS
Current Status

• Awareness campaign

• Final draft report and presentation

• Action items identified for implementation
ROAD TO IMPLEMENTATION

• Define success:
  – Identify quick wins, short term and long term goals
  – Other standards and certifications
• Assign element champions
• Leverage existing practices
• Categorize action items to 3 categories:
ROAD TO IMPLEMENTATION

• Foundational
  – Establish connection between employee and contractor to API 1173
  – Provide resources required for PSMS implementation
  – Develop comprehensive communication plan

• Developmental
  – Evaluate safety culture (i.e. annual employee surveys)
  – Develop a culture of integration and consistency
  – Capture and eliminate work around processes

• Continuous
  – Strengthen existing communication channels
  – Link employee goals with the PSMS
  – Benchmarking