Partnering Approach for Event Analysis

DOE Accident Investigation Program Experience

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DOE Partners and Regulatory Framework

Office Corporate Safety Programs - Accident Investigation and Prevention

Office of Enforcement

Line Programs and Field Elements

O&M Contractors

Other Regulators and Stakeholders
Event Thresholds

Occurrence Reporting

Federal Accident Investigation

Operating Experience and Lesson Learned

Non-Compliance Tracking System
Evolution of Accident Investigation Program

1990  Investigation program established
1995  Enforcement Program established
2009  Human Performance Improvement Handbook
2010-11 Directive Reform
2012  Accident and Operational Safety Analysis Handbook
Trust and Ownership

• Question of “independence” is addressed each time a Board is appointed. What is best for the Department?

• Continuous improvement is worth the risk

• Line programs own the investigation; they better own the corrective actions
Control and Flexibility

• DOE is self-regulated and has set requirements

• Directive Reform process was an opportunity to start a change and build consensus

• Quality processes using non-mandatory consensus Technical Standard /Handbook
Organizational Learning

- Blame and the “Whack-a-mole” reaction vs. Just Culture
- Spanning “information rich events” to highest profile/consequence accidents
- Train investigators and analyst
Challenges

- Consistently demonstrate learning organization values
- Encouragement and reinforcement at all levels
- Management commitment to lead investigations
- Metrics to measure effectiveness