Office of Health Safety and Security

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