



# Emergency Management Issues Special Interest Group Annual Meeting

## **Responder Lessons Learned from Facility Startup and Decommissioning**

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May 2–5, 2011 Charleston Marriott • Charleston, South Carolina



# Changing Conditions

- Risk
- Occupants
- Knowledge Base
- Focus or Agenda
- Priorities
- Controls
- Contract Boundaries

# New Facilities / Operations

## DESIGN

- Response Needs Identified and Continuously Confirmed
  - Not outlined in the Life Safety Code
  - Standpipe Pressure (schedule 40 or 80) \$\$\$
  - Comprehensive look at segmented design teams
  - Dedicated Support - Not a Collateral Duty
  - Common Attic – too much fire area – SD only
  - Security Barriers

# Construction

- Tactical and Pre-Fire Planning
- Special Equipment
- Special Training
- Frequent Tours (changing conditions)
- Agreements with Contractor and Project
- EMS Challenges
- New Hazards
- Feedback to Project/Contractor

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# Shared Response



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# Changes to Response Routes



# System Turnover

- Project Schedule and Budget
- Functional, Operable, or In Service
- Safety Basis Effective Date
- Security Controls Effective Date
- Operational Practice / Cold Operations
- Leaks, Squeaks, and Errors
- Late Changes (access changes)(roads)

# Startup Reviews

- Seating Capacity = Opinion Capacity
- Prove your Performance
- Real Response during Demonstrations
- 1 Answer = 3 Questions

# Sustained Capability

- Priority and Budget will disappear as soon as the facility is operational.
- The facility will change to new normal.
  - New Procedures
  - New Faces
  - New Problems

# Lessons Learned

- IF the root cause is not changed the problem will be repeated.
- Correct design problems in the requirements base not in project implementation.
- Stay Close and Visit Often (all shifts)
- Build relationships with construction and project contacts.
- Calm Assertive

# D&D Operations

- Vacant building are prone to become ad hoc storage facilities prior to the start of D&D activities
- Review the contract for D&D activities prior to work starting
- Frequent Tours (changing conditions)
- Frequent up dates to Pre-Fire Plans
- Fire Hydrant use for water supplies

# D&D Operations continued

- Special Challenges
  - Structure changes
  - Response needs (fire, EMS, hazmat, rescue)
  - Training
  - Hazards

# D&D Lessons Learned

- Continue building inspections to ensure the structure does not become unauthorized storage
- Correct contract issues prior to the start of D&D activities
- Build relationships with contractor and project contacts
- Visit Often (all shifts)
- Frequently update Pre-Fire Plans

# D&D Lessons Learned continued

- Assess and address the special challenges
- Understand the changing structure and how it effects response.

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# Questions and Discussion

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