RIC 2003
Fire Protection, Session T10

Challenges and Solutions

Fred Emerson

Senior Project Manager, Fire Protection
Nuclear Energy Institute

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Background

- Conservative fire protection regulations
  - Vary somewhat with plant vintage
- Differing interpretations of regulatory guidance
- Diverse designs and licensing bases
- Numerous exemptions and deviations
- NRC and industry personnel turnover

Challenges and Solutions

- Challenges
  - Issue proliferation
  - Communication
- Issues
  - NFPA 805 rulemaking
  - Fire-induced circuit failures
  - Manual actions
  - Inspections/assessments/SDP
- Solutions
  - Issue management
  - Better communication
- Resolution
  - Clear rule language and implementing guidance
  - NEI 00-01
  - Clear manual actions guidance
  - Improved SDP and self-assessment credit

Opportunities

- Provide risk-informed environment for issue management and resolution
- Focus on safety while maintaining compliance
- Create equality of expectations between NRC and industry