

# **RIC 2003**

## **Fire Protection, Session T10**

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### Challenges and Solutions

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# Background

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- 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

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## ■ Challenges

- Issue proliferation
- Communication

## ■ Issues

- NFPA 805 rulemaking
- Fire-induced circuit failures
- Manual actions
- Inspections/assessments/S  
DP

## ■ 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

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

