



U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

RIC 2007

Fire Protection: Current Status and Future Plans

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Outline

- 1. Regulatory Strategy**
 - (a) NFPA 805 Plants
 - (b) Non-NFPA 805 Plants
- 2. NFPA 805 Plants (42 Reactor Units)**
 - (a) Current Status
 - (b) Planned Actions
- 3. Non-805 Plants (61 Reactor Units)**
 - (a) Current Status
 - (b) Planned Actions
- 4. Managing Emerging Issues**
- 5. Conclusions**

Fire Protection Regulatory Strategy

- **NFPA 805 Plants**
 - Implement the risk-informed, performance-based rule.
- **Non-NFPA 805 Plants**
 - Enforce the current rule.

Current Status: NFPA 805 Plants

- Published rule endorsing NFPA 805
- Published Regulatory Guide 1.205
- Endorse industry implementing guidance NEI 04-02 and NEI 00-01
- Performing quarterly observation visits at pilot plants
- Train inspectors on NFPA 805
- Working with industry task force to identify and solve emerging issues

Planned Actions: NFPA 805 Plants

- Continue to receive and address emerging technical issues
- Continue to refine analytical tools
- Continue to support ANS Fire PSA guide
- Continue to address challenges, such as, delays in issuing ANS Fire PSA guide

Current Status: Non-NFPA 805 Plants

- Staff issued Generic Letter 2006-03 on fire barriers
- Staff issued RIS 2006-10 on operator manual actions
- Commission issued SRM-SECY-0196 disapproving issuance of the proposed Generic Letter on fire induced circuit failures

Planned Actions: Non-NFPA 805 Plants

- Inspect and enforce non-compliant operator manual actions; RIS 2006-10
- Close out fire barrier issues using GL 2006-03
- Fire Induced Circuit Failures
 - Receive stakeholder inputs and revise plan
 - Cooperate to develop tools and methods as needed
 - Receive commission endorsement of revised plan
 - Implement plan

Managing Emerging Issues

- Continue to use periodic interactions with the regions to identify emerging issues
- Continue to use the NEI/NRC Issue Management Protocol to secure industry cooperation to manage issues

Conclusion

- NRC is committed to work with stakeholders to address implementation challenges for plants transitioning into NFPA 805 compliance
- NRC is committed to work with stakeholders to identify methods and tools to manage issues to a conclusion