

RIC 2006 Session T1D

Fire Protection: Risk-Informed & Performance-Based

Fire Protection – A Brave New World?

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NFPA 805 - Status

■ Utilities Submitting Letters of Intent

- Ameren UE, Constellation, Duke, Entergy, FENOC, FPL, I&M, NMC, NPPD, PG&E, Progress
- Duke and Progress – pilot plants

■ NEI 04-02 – NFPA 805 Implementing Guide

- Risk-informed, performance based guidance
- Rev. 1 submitted to NRC
- Future revisions planned

■ NRC Action

- Regulatory guide planned for publication in April 2006



NFPA 805 Implementation

- Other documents
 - NEI 00-01, Revision 1
 - NEI 99-04
 - NEI 96-07, Rev. 1
 - NEI 93-01
 - NEI 06-???



NFPA 805 - Issues

- Pilots in early stages
- Multiple NEI 04-02 revisions expected from pilot lessons learned
- Fire PRA – No consensus standard
- Certainty and stability in the regulatory process

Industry Activities

- Establish a Task Force
 - NEI 04-02 revisions
 - Pilot plant feedback
 - Change process
 - Fire PRA peer review
 - Interactions with NRC
- Identify, communicate, and track generic issues

