RIC 2003
Fire Protection, Session T10

NFPA 805 Industry Initiatives

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April 17, 2003

Industry Cost / Benefit

- Costs
  - Update safe shutdown, fire hazards analyses
  - Prepare new risk-informed licensing basis (many if not most elements of CLB can be brought forward)
    - Include fire protection analyses for low power and shutdown
  - Change culture to safety focus rather than “rule” focus
  - License amendment submittals
    - Program change
    - Implement new methods (NEI working to minimize impact)
- Benefits
  - Predictable resource requirements
  - Synthesis of fire protection risk significance with other plant issues for resource allocation
  - Better regulatory positioning for using risk-informed initiatives
  - Address emerging issues with predictable safety-focused process and reduced cost

Decision Process

- Today
  - Looks promising; plants should consider a transition
  - Need to see details of rule and implementing guidance
- Tomorrow
  - Perform preliminary cost/benefit analysis
  - If favorable, budget detailed analysis & transition in 2004
- 2004
  - Perform detailed cost/benefit analysis of transition
  - Begin transition steps if cost/benefit positive

Preliminary Cost / Benefit Analysis

- Benefit
  - Delta cost to resolve open issue(s)
  - Delta cost to resolve future issues (consider average cost to resolve past issues)
  - Regulatory incentives
- Cost
  - Licensing basis analysis
  - Preparation of license amendment
- Details of preliminary C/B analysis method to be provided by NEI