

RIC 2003

Fire Protection, Session T10

NFPA 805 Industry Initiatives

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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

