



Challenges of Risk-Informed Fire Protection

**Regulatory Information Conference
Fire Protection – Session C4
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**John Hannon, Chief
Plant Systems Branch
Panel Chair**

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Washington, DC 20555-0001**

Fire Protection Session Overview

Theme: Challenges of Risk-Informed Fire Protection

- NFPA 805, “The Performance Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants”

Safety?

Costs?

Inspections?

Benefits?

Fire Protection Session Overview

Panelists and Sub-Topics:

Regulatory Framework

Dr. Brian Sheron, Associate Director
Project Licensing and Technical Analysis, US NRC

Plans for Inspection

Mr. Dwight Chamberlain, Director
Division of Reactor Safety, US NRC

Fire Protection Session Overview

Panelists and Sub-Topics (continued):

Plant Specific Cost/Benefit Analysis

Mr. Brew Barron, Chief Nuclear Officer
Duke Power

Technical Applications

Mr. Fred Emerson, Senior Project Manager
Nuclear Energy Institute