

Progress in Reg Guide and Inspection Procedures for Implementing NFPA 805

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US Nuclear Regulatory Commission
Implementation of Risk Informed Fire
Protection Standards
Regulatory Relations
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NRC Fire Protection Owner (AHJ)



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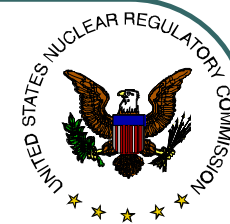
(301)415-1992

Reducing Regulatory Uncertainty



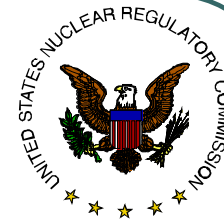
- NFPA 805 Rule Implementation
- Risk-Informed Regulatory Guide
- Risk-Informed Inspection Procedures
- Transition Pilot Program
- Transition Schedule
- NFPA 805: Is it Right for You?

NFPA 805 Rule Implementation



- Risk-Informed Alternative to Appendix R
- Transition Enforcement Discretion
- Transition Pilot Program
- Risk-Informed Regulatory Guide, Fall 2005
- Risk-Informed Inspection Procedures, Dec. 2005
- Reactor Oversight Process Monitors Changes Post-Transition

Risk-Informed Regulatory Guide



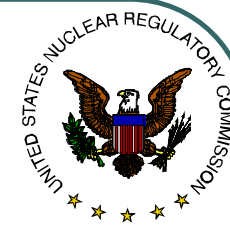
- **Endorses Industry Guidance**
 - NEI Implementation Guide (NEI 04-02)
 - NEI Circuit Analysis (NEI 00-01)
- **Revision Will Endorse EPRI/RES Guidance**
 - Fire PRA Project (EPRI 1011989)
 - Verified & Validated Fire Models
- **Fire PRA Quality Expectations**
 - RG 1.174 Applies
 - ANS Fire PRA Standard

Risk-Informed Inspection Procedures



- Present Deterministic Inspection Procedures
 - Monthly/Quarterly (Resident)
 - Triennial (Region)
- Refocus Triennial Procedure During Transition
- Develop Risk-Informed Inspection Procedures
 - New Monthly, Quarterly and Triennial Procedures
 - Complete in December, 2005
 - Applicable to Post-Transition Triennial (2007-2008)

Transition Pilot Program



- Pilot the Transition and LAR Review Period
- Conduct Quarterly Observation Visits
- Program Goals:
 - Direct Communication between NRC and Licensee
 - Evaluate Enforcement Discretion Policy
 - Develop LAR and SER Templates
 - Improve Regulatory Guide
 - Improve Inspection Procedures

Transition Schedule



- **Duke Energy**
 - 2005 to 2007: Oconee, Units 1, 2, & 3 **(Pilot)**
 - 2006 to 2008: McGuire, Units 1 & 2
 - 2007 to 2009: Catawba, Units 1 & 2
- **Progress Energy**
 - 2005 to 2008: Shearon Harris, Unit 1 **(Pilot)**
 - 2006 to 2009: Crystal River, Unit 3
 - 2007 to 2010: H. B. Robinson, Unit 2
 - 2008 to 2011: Brunswick, Units 1 & 2

NFPA 805

Is it Right for You?



- Can Benefit Pre- and Post-79 Licensees
- We would like your feedback:
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