



# **Nuclear Reactor Safety Arena Commission Briefing**

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**January 29, 2002**

# **Briefing Topics**

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- **Risk-Informed Initiatives**
- **New Reactor Licensing**
- **Inspection & Assessment Program Effectiveness**
- **Materials Engineering Issues**
- **Licensing Issues**
- **Other Challenges**

# **Risk-Informed Initiatives**

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- **Technical Specifications**
- **Rulemaking**
- **Risk-Informed Regulation  
Implementation Plan**

# **New Reactor Licensing**

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- **Scheduling and Prioritization**
- **Regulatory Infrastructure**
- **Skill Demands**

# **Inspection & Assessment Program Effectiveness**

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- **Significance Determination Process Improvements**
- **Performance Indicator Improvements**
- **Agency Action Review Meeting - assessing plant performance**

# **Materials Engineering Issues**

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- **Stress Corrosion Cracking**
- **Reactor Pressure Vessel  
Pressurized Thermal Shock (PTS)**

# **Licensing Issues**

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- **Power Uprates**
- **License Renewals**
- **PBPM Prioritization**

## **Other Challenges**

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- **Response to September 11th event**
- **Public interaction and release of information**
- **Managing human capital**
- **RES challenges - ready for the present and prepare for the future**



# **Other Challenges**

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- **Discrimination Task Force**
- **Alternate Dispute Resolution**

# Summary

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- **Technical Issues**
- **Communication Issues**
- **Human Capital**