



Nuclear Reactor Safety Arena Commission Briefing

January 29, 2002

Briefing Topics

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

Risk-Informed Initiatives

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

New Reactor Licensing

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

Inspection & Assessment Program Effectiveness

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

Materials Engineering Issues

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

Licensing Issues

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

Other Challenges

- **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

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

Summary

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