



RIC 2007
PRA Techniques for the Evaluation of Reactor Operating Experience

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Use of Licensee PRAs to Assess Risk Significance of Inspection Findings

- ◆ **Use Licensee Models that conform to Regulatory Guide 1.200 exclusively for SDP assessments instead of SPAR models**
- ◆ **Industry/NRC group exploring feasibility**

Use of Licensee PRAs to Assess Risk Significance of Inspection Findings

◆ **Goals**

- **Accurate Assessments**
 - **Model Fidelity**
 - **Discussions focused on how to model and appropriate assumptions**
- **Timely Assessments**
- **Efficient use of resources**
- **Provide additional incentive for utility investment to conform to RG 1.200**

Use of Licensee PRAs to Assess Risk Significance of Inspection Findings

◆ Phase 2 Evaluations

- Use Configuration Risk Management tool with modifications instead of worksheets

◆ Phase 3 Evaluations

- Use Licensee PRA
 - Licensee staff
 - NRC Staff

Use of Licensee PRAs to Assess Risk Significance of Inspection Findings

◆ **Phase 2 With Configuration Risk Management Model**

- **Simple user interface**
- **How to ensure a bounding analysis**
- **Screen for Green**
- **Change to an average maintenance model**
- **Treatment of Common Cause**

Use of Licensee PRAs to Assess Risk Significance of Inspection Findings

◆ Phase 3 Evaluations

- **Resource issues, both initial and ongoing**
 - **Staff**
 - **Utility**
- **Independence**
- **Improved Fidelity**