



# ***“A New 10 CFR Part 53?”***

## ***Session: Regulations for Future***

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# ***Future Regulation?***

- Commission issued an Advanced Notice of Proposed Rulemaking (ANPR)
- Commission considering a new Part 53
  - Risk-informed and performance-based
  - Technology-specific or technology-neutral
  - Integrates safety, security and preparedness



# *Objectives*

- Enhance safety and security
- Develop framework to use risk information
- Use risk information to provide flexibility in plant design and operation
- Ensure risk-informed activities continue to meet the Commission's PRA Policy Statement
- Allow for different reactor technologies that will promote stability and predictability



# *Issues, Examples*

- Is development of a new Part 53 that is risk-informed and performance-based a reasonable approach?
- Should the new Part 53 be technology-neutral or technology-specific?
- Are licensees interested in using a new Part 53, as opposed to the current Part 50, as their licensing basis?



# ***“Framework”***

***(Potential Technical Basis for a New Part 53)***

- Defense-in-depth structure
- Risk-informed acceptance criteria
- Technology-neutral
- Integration of safety, security and preparedness
- Performance-based



# ***Technical Challenges, Examples***

- Risk-informed licensing basis
- Defense-in-depth – treatment of uncertainties
- Technical acceptability for future PRAs



# *Status*

- ANPR was published in the Federal Register on May 4, 2006 (Vol. 71, No. 86, page 26267)
- Current working draft of Framework on NRC RuleForum Website (ADAMS #ML061140147 (main report), ML061140174 (appendices))
- Public workshop to be held in late August 2006
- Framework to be published as NUREG December 2006
- ANPR closes December 29, 2006
- Recommendation to Commission on whether and, if so, how to proceed with rulemaking (May 31, 2007)