

# Planning Meeting with Progress Energy Related to Combined License Application

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November 1, 2004



# Meeting Agenda

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- Introductory Remarks  
Steven Bloom, NRC
- Progress Energy Presentation  
Joe Donahue, Progress Energy  
Garry Miller, Progress Energy
- NRC Presentation  
Steven Bloom, NRC
- Closing Remarks  
Steven Bloom, NRC
- Public Comments



# Nominal NRC Review Schedule and Resources for COL

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- Schedule estimates from SECY-01-0188, “Future Licensing and Inspection Readiness Assessment”
  - ◆ COL referencing ESP & DC 27 months\*
  - ◆ COL referencing ESP only 33-60 months\*
  - ◆ Design certification 42-60 months\*\*
  
- Current ESP reviews, existing site 33 months

\* Nominal 1 year hearing assumed

\*\* Assumes 1 year design certification rulemaking



# Pre-Application Interactions

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- Quality Assurance Program Review
  - ◆ NUREG-0800, “Standard Review Plan”, Section 17.1
  - ◆ Early interaction encouraged
- Site exploration/characterization and Seismic Data Collection
  - ◆ NRC observation at site
- Public Meetings at NRC and Near Site prior to COL Application
- Emergency Planning
  - ◆ Guidance available
- Inspection activities (procurement of long lead items)



# Inspections to Support COL Application Review

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- NUREG-1789, “10 CFR Part 52 Construction Inspection Program Framework Document,” April 2004
  - ◆ Provides general approach
- Inspection Manual Chapter 2502 – Pre-COL Inspections – June 2005.
  - ◆ Basic inspection requirements assuming ESP and Certified Design
  - ◆ Identifies supplemental inspections to support applications without ESP or Certified Design
  - ◆ Emphasis on QA, environmental, and first-of-a-kind engineering
- First-of-a-kind (FOAK) Engineering
  - ◆ New inspection procedure – 37802 – June 2005
  - ◆ For use to review completion of a certified design or for a total review of a custom design
- Implementation schedule – as soon as needed, even before the application is submitted if components are being ordered