

Planning Meeting with Progress Energy Related to Combined License Application



November 1, 2004



Meeting Agenda

- 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

- 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

- 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

- 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