



**U.S. NRC**

United States Nuclear Regulatory Commission

*Protecting People and the Environment*

# New Reactor Update

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Air Monitoring Users Group Meeting

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# Application for Renewal

- Any person may apply for renewal of a design certification
- If renewal applicant is not the same entity that applied for the original design certification, then new applicant must demonstrate that it has the capability to provide the detailed design
- Notice and comment procedures must be used for a rulemaking proceeding on the application for renewal

# Timing & Duration

- Application must be submitted between 12 and 36 months prior to initial expiration
- Initial certification remains in effect if timely application for renewal is submitted
- Standard design certifications can be renewed for additional 10-15 years

# Criteria for Renewal

- NRC will issue a renewed design certification if the design complies with the Atomic Energy Act and NRC regulations applicable and in effect at the time the certification was **originally** issued
- The Commission may impose new requirements if they meet the renewal backfit criteria

# Amendments at Renewal

- Applicant for renewal may request amendments to the design certification
- NRC shall grant the amendment request if amendment will comply with the Atomic Energy Act and NRC regulations in effect at the time of renewal
- If amendment request entails extensive changes to the design certification, an application for a new design certification must be filed

# Next Steps

- Meet with prospective design certification renewal applicants
- Develop renewal application and review guidance with stakeholder input
- Establish infrastructure for handling renewal applications

# New Reactor Licensing – The Regulator’s Perspective

- Maintain safety of licensed plants
- Predictable licensing process
- Meaningful public participation
- Enhanced safety for future plants
- Independent and credible regulator

# Part 52 Licensing Processes

- Licensing Processes:
  - Early Site Permit (ESP)
  - Design Certification (DC)
  - Combined License (COL)
- Provide a predictable licensing process
- Resolve safety and environmental issues before authorizing construction
- Provide for timely & meaningful public participation
- Encourage standardization of nuclear plant designs
- Reduce financial risk to nuclear plant licensees

# New Rx Applications Docketed

- 3 Design Certifications (DC) and 1 DC Amendment
- 17 Combined License Applications
  - South Texas, Bellefonte, Calvert Cliffs, North Anna, Lee, Shearon Harris, Grand Gulf, Vogtle, Summer, Levy County (w/LWA), Callaway, Victoria, Fermi, Comanche Peak, River Bend, Nine Mile Point, and Bell Bend
- 1 Early Site Permit/Limited Work Authorization - Vogtle



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