



Design Certification Renewal

David B. Matthews
Director, DNRL/NRO
September 3, 2009

Who Can Apply?

- 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

Renewal with Multiple Vendors

- NRC reviewing several options for renewal of single design certification by multiple vendors
- Potential outcome:
 - Retain one rule for a given design
 - Allow each vendor to have its own complete design alternative or “branch” within the rule
 - Require each vendor “branch” to have a stand-alone version of the DCD

Amendments at Renewal

- Applicant for renewal may request amendments to the design certification
- Amendments must comply with 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

Extent of Amendments at Renewal

- What constitutes an extensive change requiring application for new certification?
 - Large power uprate (e.g., difference between the Westinghouse AP600 and AP1000 designs)
 - Other extensive design changes that would require level of NRC review similar to that required for a new certification

DC Renewal Schedules

- Schedules highly dependent on number and complexity of amendments requested
- Schedules for renewals with significant amendments could be similar to schedules for new certification reviews