

US NRC Combined License Process and New Reactor Status

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Overview

- New Reactor Licensing
- Combined License Applications
- Design Centered Review Approach
- Current New Reactor Review Schedule
- Construction Schedule
- Conclusions



New Reactor Licensing

NRC's Perspective

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



Combined License Applications

- Combined construction permit and operating license for a nuclear power plant
- May reference an early site permit, a standard design certification, both, or neither
- Objective is to resolve all safety & environmental issues before authorizing construction
- Prior to fuel load, must verify the facility has been constructed in accordance with the license

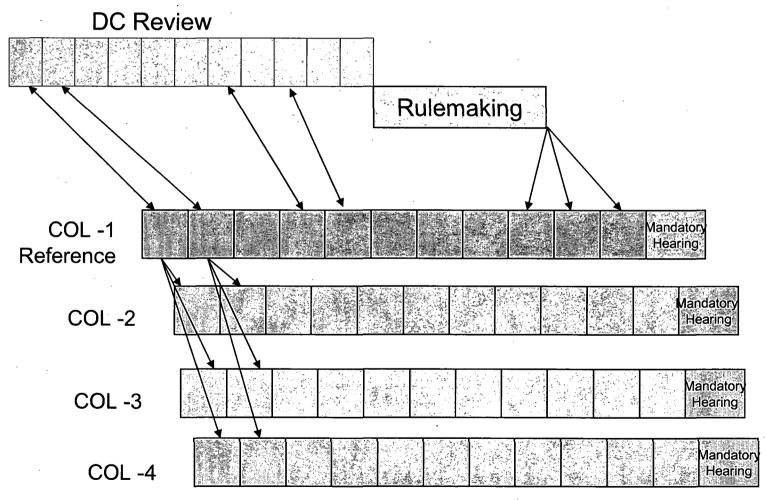


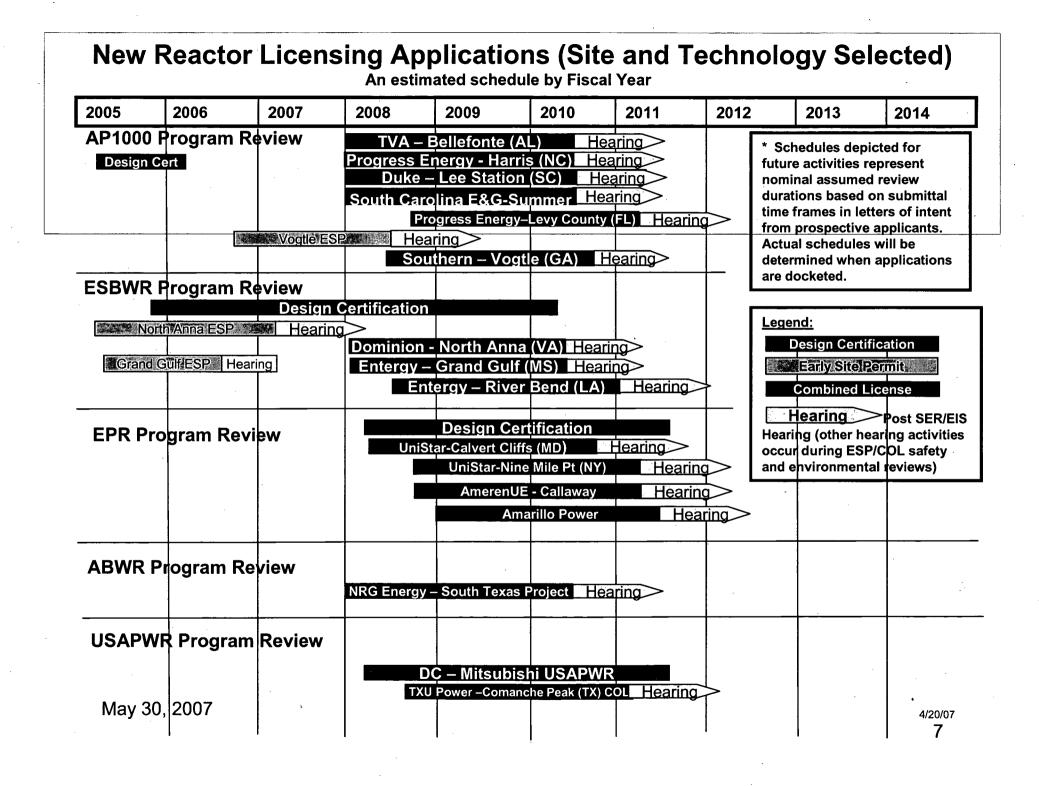
Combined License Applications, continued

- Design
- Environmental Impacts
- Site Safety
- Qualifications
- Programs
- Inspections, Tests, Analyses and Acceptance Criteria (ITAAC)



Design Centered Review Approach



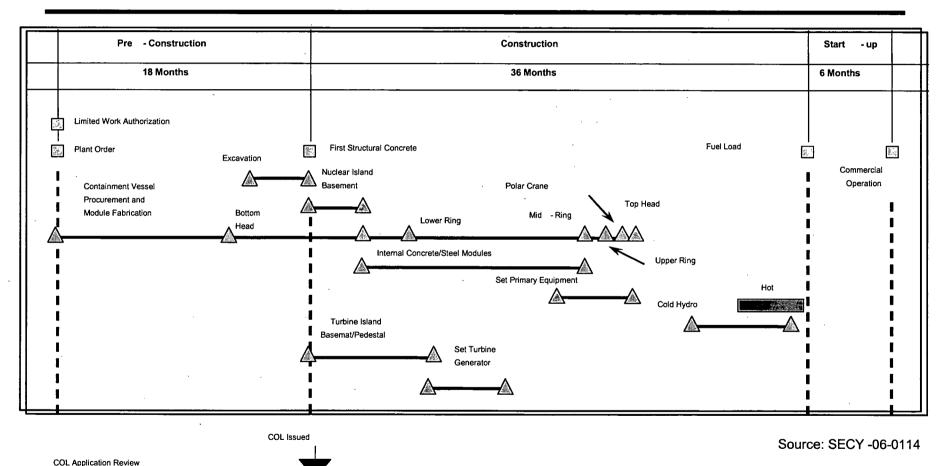


New Reactor Licensing Applications (Site or Technology TBD) An estimated schedule by Fiscal Year

2005	2006	20	0 7	2008	2009	2010	2011	2012		2013	2014
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Construction Schedule Example



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Conclusions

- NRC is preparing for an exceptionally high level of new reactor licensing activity
- NRC will accomplish our mission to ensure adequate protection of public health and safety and the environment for new reactors licensed under 10 CFR Part 52
- NRC willingness to share information as needed to address transmission issues