

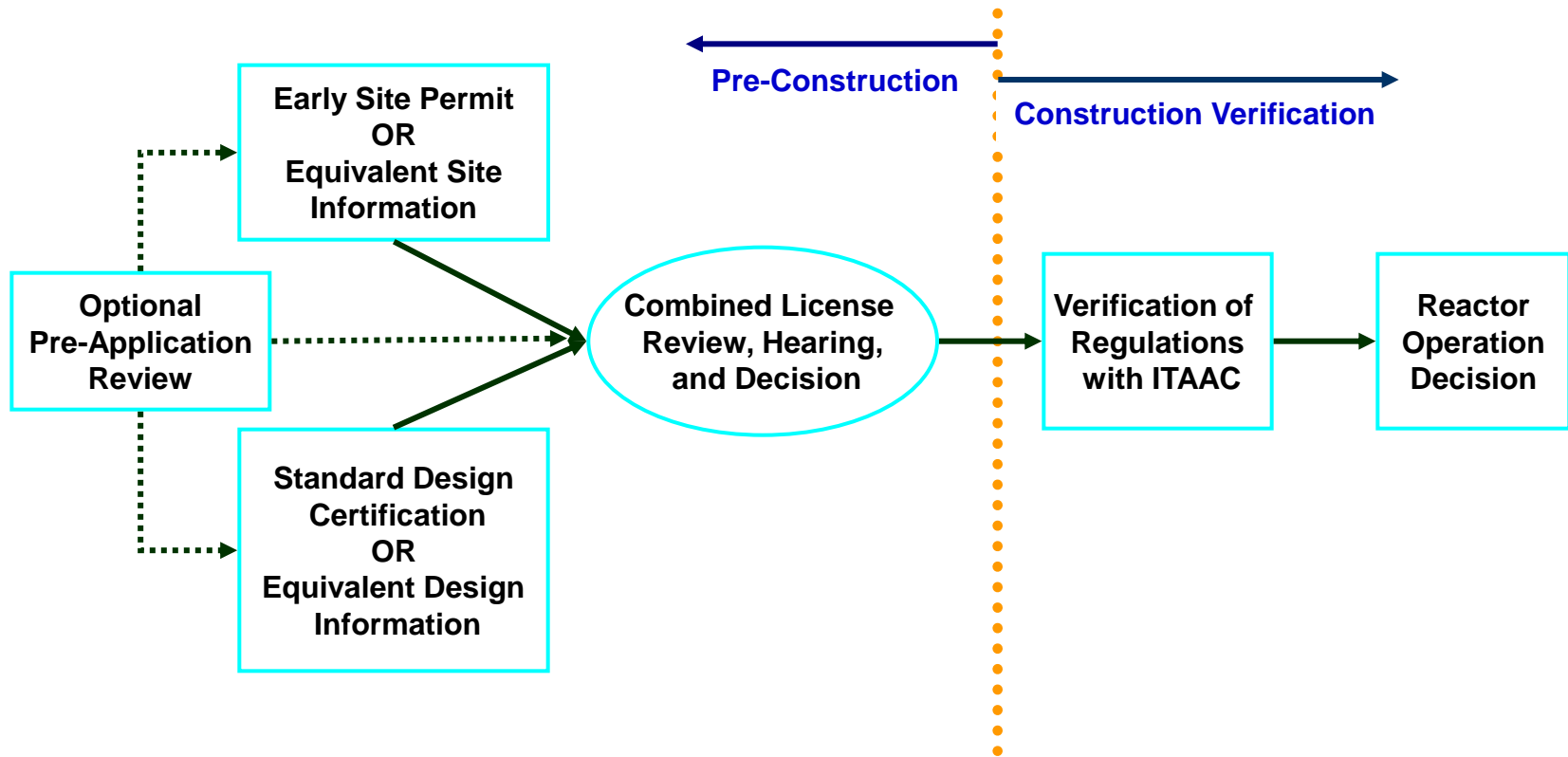


DOC/DOE Nuclear Energy Summit
Policy, Regulatory & Legislative Issues Panel
October 8, 2008

R. William Borchardt
Executive Director for Operations
U.S. Nuclear Regulatory Commission

New Licensing Process

10 CFR Part 52



- Licensing decisions finalized before major construction begins
- Inspections to verify construction
- Limited work may be authorized before license is issued

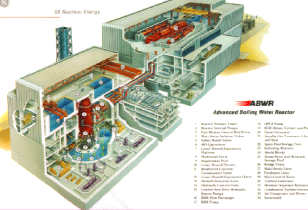
Potential New Reactor Applicants



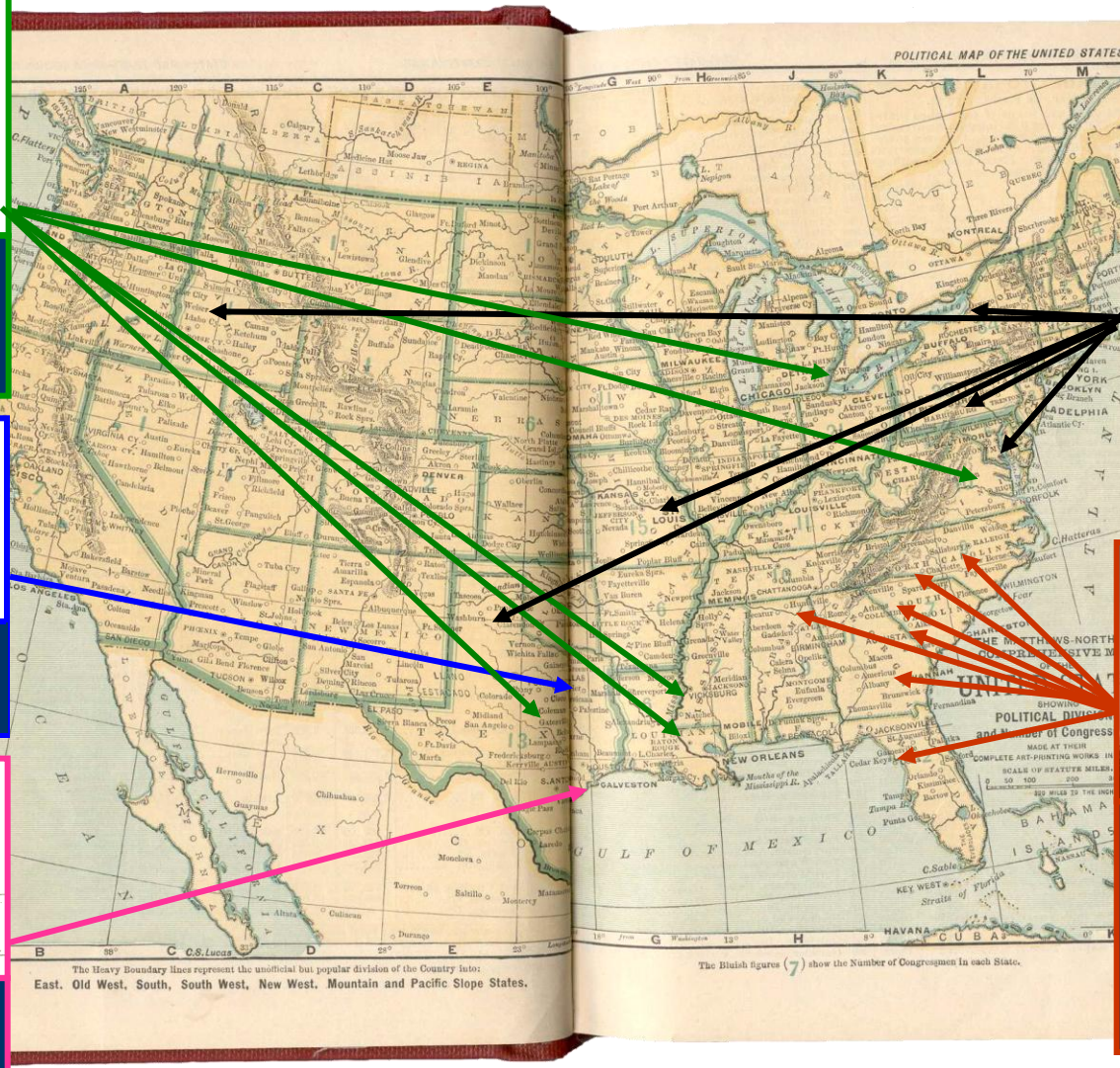
ESBWR
 Dominion Energy
 Exelon DTE



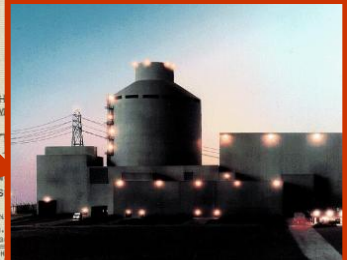
US APWR
 Luminant



US ABWR
 South Texas Project



EPR
 Amarillo Power
 Ameren UE
 UniStar
 PPL Generation
 Alternate Energy Holdings



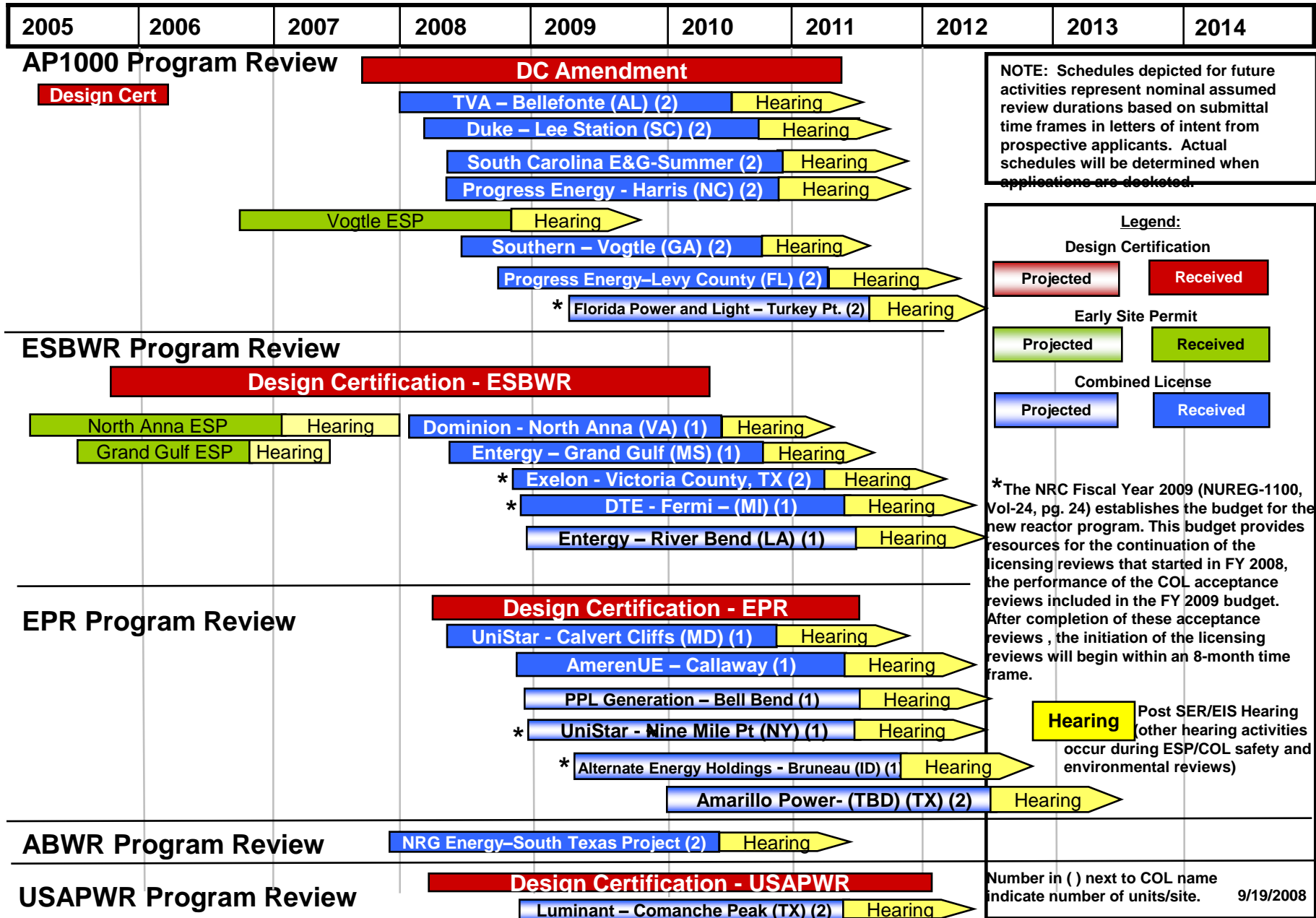
AP1000
 Duke
 TVA
 Progress
 South Carolina E&G
 Southern Co.
 Florida Power & Light

The Heavy Boundary lines represent the unofficial but popular division of the Country into: East, Old West, South, South West, New West, Mountain and Pacific Slope States.

The Bluish figures (7) show the Number of Congressmen in each State.

New Reactor Licensing Applications (Site and Technology Selected)

An estimated schedule by Fiscal Year (October through September)



NOTE: Schedules depicted for future activities represent nominal assumed review durations based on submittal time frames in letters of intent from prospective applicants. Actual schedules will be determined when applications are docketed.

Legend:

Design Certification

Projected (Red box) Received (Red box)

Early Site Permit

Projected (Green box) Received (Green box)

Combined License

Projected (Blue box) Received (Blue box)

*The NRC Fiscal Year 2009 (NUREG-1100, Vol-24, pg. 24) establishes the budget for the new reactor program. This budget provides resources for the continuation of the licensing reviews that started in FY 2008, the performance of the COL acceptance reviews included in the FY 2009 budget. After completion of these acceptance reviews, the initiation of the licensing reviews will begin within an 8-month time frame.

Hearing Post SER/EIS Hearing (other hearing activities occur during ESP/COL safety and environmental reviews)

Number in () next to COL name indicate number of units/site. 9/19/2008

Global Supply Chain

