



Nuclear Plant Operation Joint FERC/NRC Meeting

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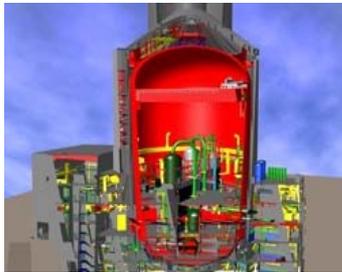
Discussion Points

- **Operations of Nuclear Plants**
- **Cyber Security Activities**
- **Station Blackout Rulemaking and Grid Reliability Standards Activities**

New Reactor Applications



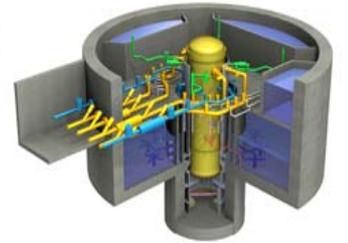
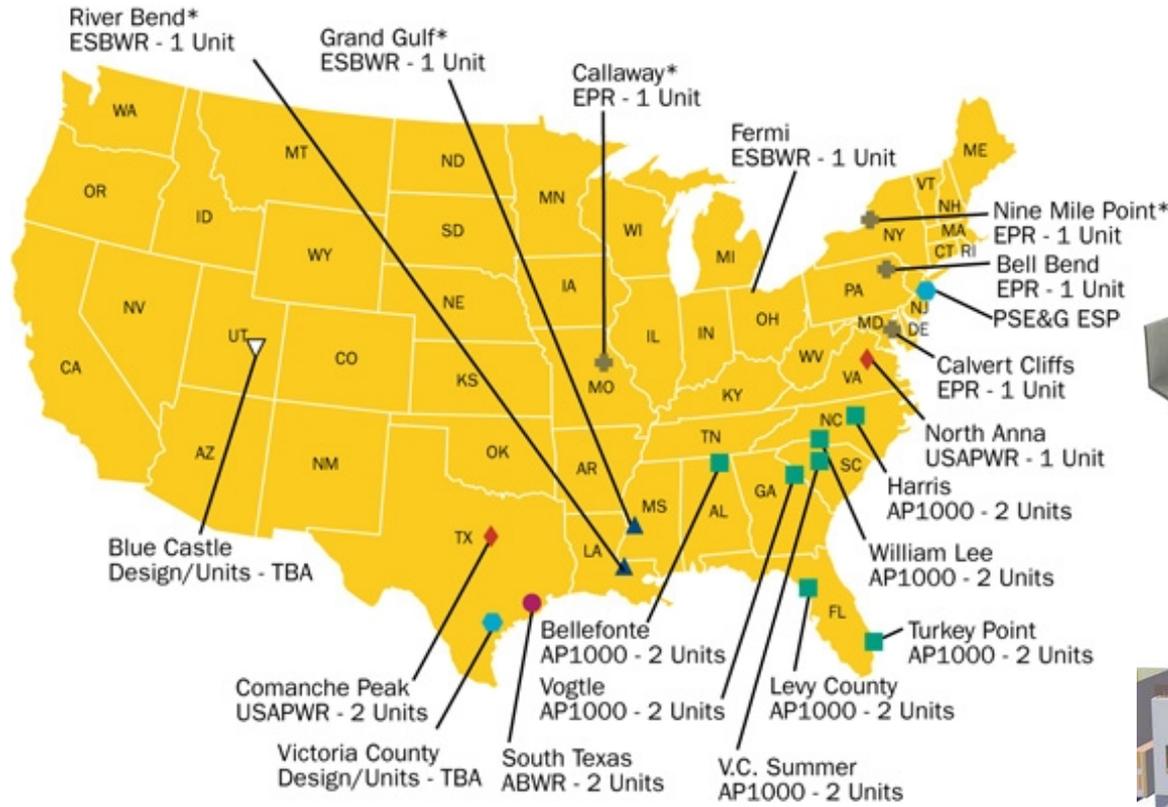
 ABWR



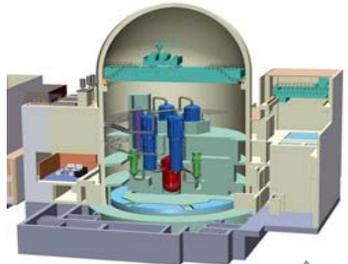
 AP1000



 EPR



 ESBWR



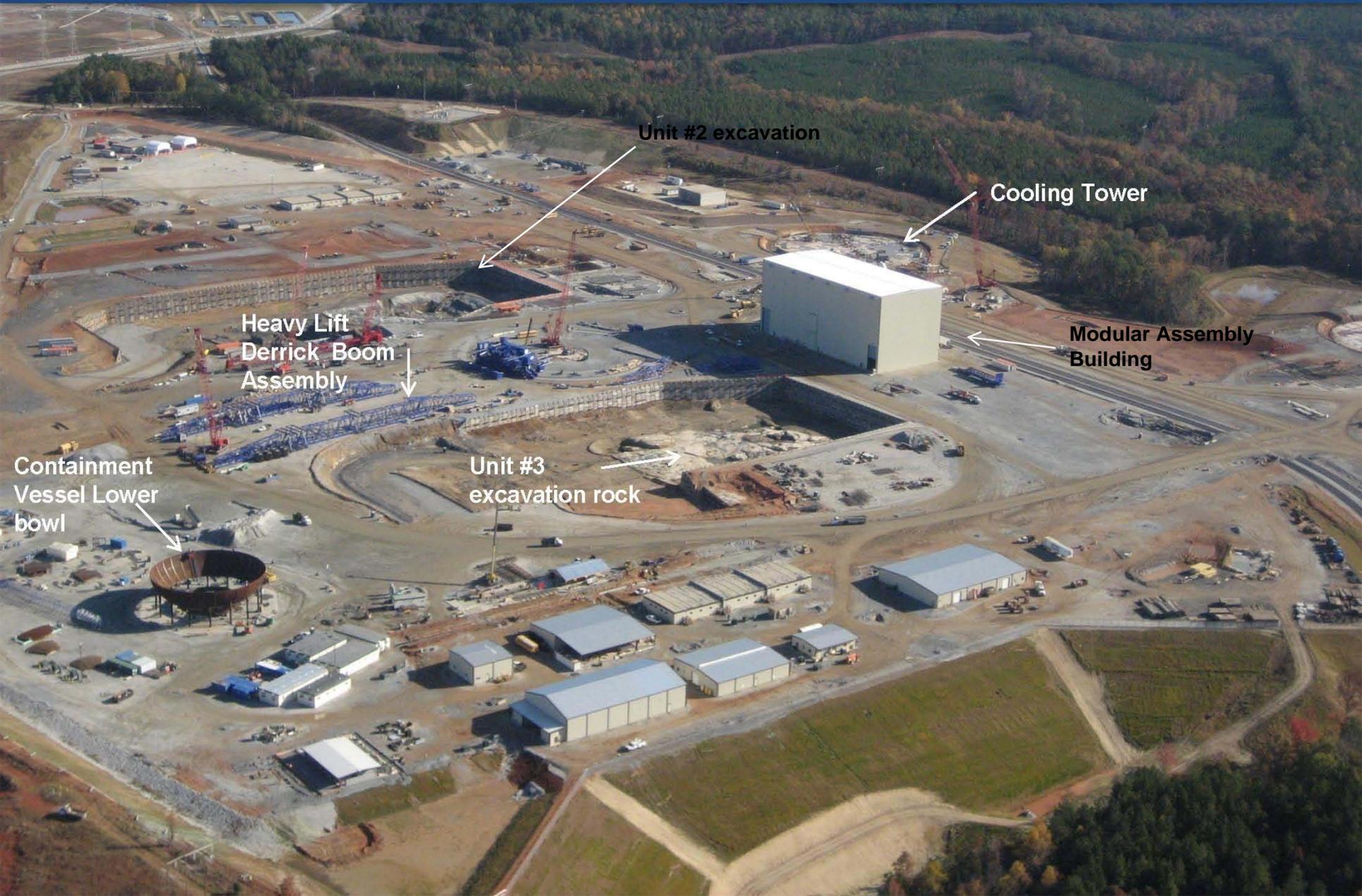
 USAPWR



*Review Suspended by Applicant

*Large LWRs-- Large Light-Water Reactors, generally of the order of 1000 MW(e) or more

VCS 2 & 3 Aerial View - October 2011



Unit #2 excavation

Cooling Tower

Heavy Lift
Derrick Boom
Assembly

Modular Assembly
Building

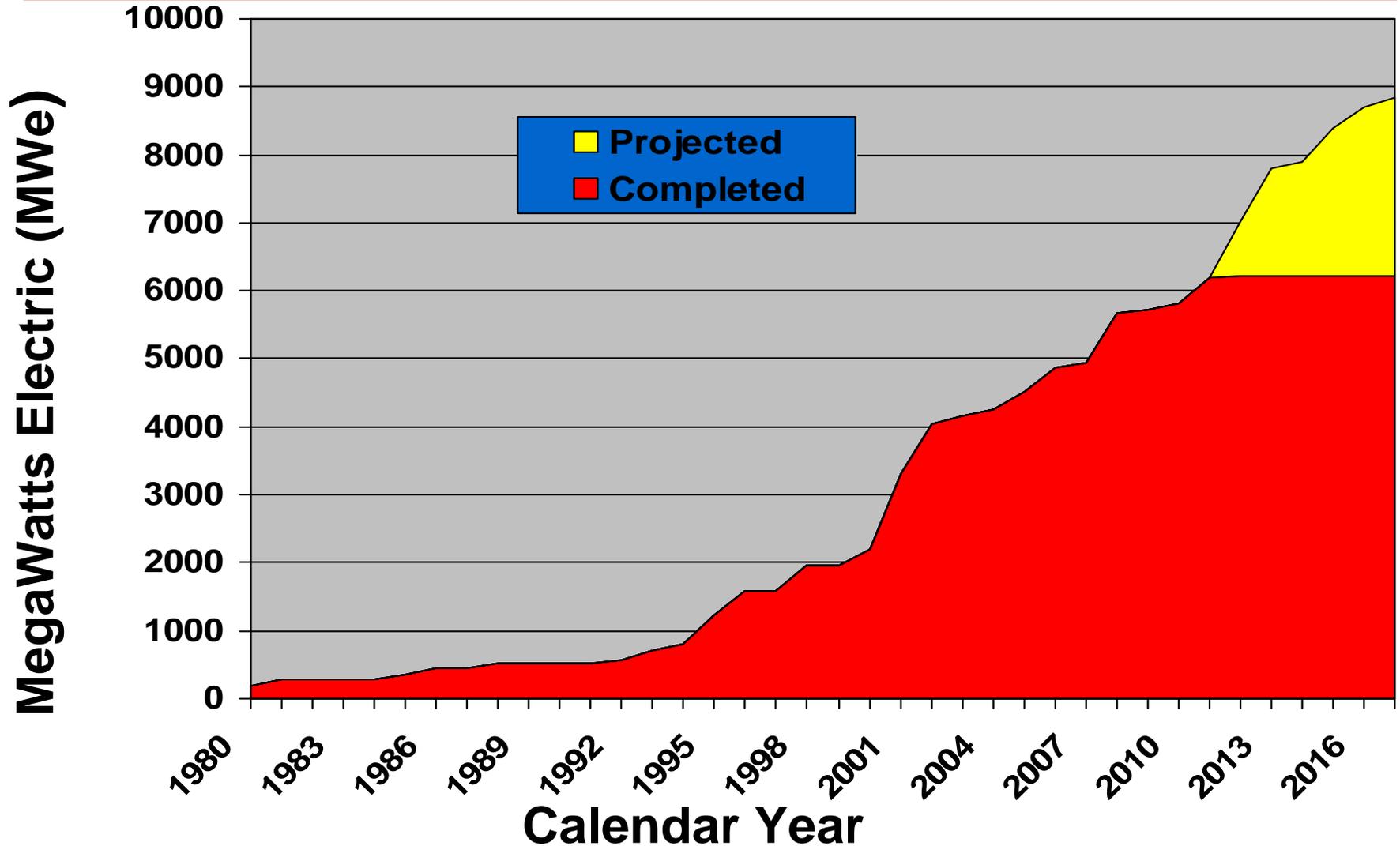
Unit #3
excavation rock

Containment
Vessel Lower
bowl

Vogtle Construction Update



Additional Power From Upgrades



Existing Plant Operations

- Nuclear Plants and Load Following
- NRC Staff uses grid assessments as part the evaluation of power uprate license amendments
- NRC Staff continues to utilize support (as needed) from NERC and FERC Staff for enforcement discretion cases at NPPs which involve consideration of grid reliability and its relationship to nuclear safety.



NRC/FERC Staff Interactions

- NRC, FERC and NERC staff continue to meet on quarterly basis to share ongoing issues
- FERC supports NRC in the inspection and evaluation of dams under NRC jurisdiction
- NRC participated in Joint Grid Event Investigations related to Southern California Blackout.