

Construction Update and Lessons Learned

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Southern Nuclear Operating Company

Safety

**Safe, Quality, Compliant
Construction is our
priority.**

Vogtle

units 3&4 Nuclear Development



Construction Status

- Forecast for operation for Units 3 and 4 remains 4Q17 and 4Q18 respectively
- Engineering, procurement and construction of the Facility is approximately 50% complete
- Major components are being delivered to site
- Construction is going vertical for Unit 3 NI

Vogtle

units 3&4 Nuclear Development



Construction Site July 08, 2013

Unit 4

Modular Assembly
Building

Cooling Towers

Containment Vessel

Unit 4

Nuclear Island

Turbine Island

Unit 3

Heavy Lift Derrick

Unit 3
Condenser

Unit 3

Nuclear Island

Turbine Island

Vogtle 3 and 4 Construction Site

July 2013

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U3 Liquid Processing Tanks



Plant Vogtle Unit 3 liquid processing tanks inside nuclear island

October 2013

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U4 Nuclear Island Basemat



Plant Vogtle Unit 4 nuclear island

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U3 Turbine Island, Condenser A



Plant Vogtle Unit 3 Condenser A Lower Shell is placed into the Unit 3 Turbine Island

September 2013

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U3 Cooling Tower



Plant Vogtle Unit 3 cooling tower

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U3 Containment Vessel



Plant Vogtle Unit 3 containment vessel bottom head, located inside nuclear island

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U4 Reactor Vessel



Plant Vogtle Unit 4 Reactor Vessel

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U4 Deaerator



Plant Vogtle Unit 4 deaerator arriving to construction site

August 2013

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Construction Inspection Lessons

- Communication with NRC
- IOC Process
- Document Sharing
- Schedule Detail & Activity tracking

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Questions?

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