



Vogtle

units 3&4 Nuclear Development



Westinghouse

Vogtle 3&4 Update & Supplier Lessons Learned

Josh Olson
SNC QA Manager

Vogtle 3&4 Key Messages

- Safety will always come first. We remain focused on completing Vogtle 3 and 4 with safety and quality as top priorities. We will not compromise.
- This project is projected to have less of an impact on customer rates than originally anticipated.
 - Total of **6-8** percent compared to **12** percent at certification
- Vogtle 3&4 is the largest job-producing project in Georgia, currently employing approximately **6,000** people.

Vogtle

units 3&4 Nuclear Development



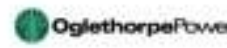
Vogtle 3&4 Fun Facts

- Steam Generators: 1.3 million pounds, heaviest lift ever for the Port of Savannah
 - Each unit will have two steam generators
- Vogtle 1-4 footprint: 3,169 acres
 - Four times larger than New York City's Central Park



Vogtle

Units 3&4 Nuclear Development



One Team, One Vision

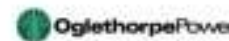
We are building the future of nuclear power in America.

- Unit 3 ready for fuel by Dec. 2018
- Unit 4 ready for fuel by Dec. 2019



Vogle

units 3&4 Nuclear Development



2015



Vogtle

units 3&4 Nuclear Development





2016

units 3&4 Nuclear Development

Vogtle 3&4 - January 2016



Vogtle

units 3&4 Nuclear Development



April 2016



Setting CA01 at Unit 3



Vogle

units 3&4 Nuclear Development

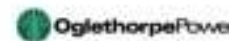


Unit 3 Containment



Vogtle

units 3&4 Nuclear Development



Unit 3



Unit 3 Nuclear Island, Turbine Island— January 2016

Vogtle

units 3&4 Nuclear Development



Unit 3 CA03 Lift and Set



May 2016

Vogtl
uni

WER Dalton
MULTI

Vogtle Unit 3 Turbine Building



Unit 3 Turbine Building - January 2016

Vogtle

units 3&4 Nuclear Development



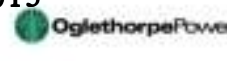
CA04 & Containment Vessel



Vogtle Unit 4 CA04 - September
2015

Vogtle

units 3&4 Nuclear Development



Vogtle 500-kV Transmission Lines



Vogtle

units 3&4 Nuclear Development



Shield Building Panels placed



First course placed, Unit 3 - August
2015

Vogtle

units 3&4 Nuclear Development



Unit 3 Generator Stator



Vogle

units 3&4 Nuclear Development

GEORGIA
POWER

SOUTHERN
NUCLEAR

Westinghouse

Oglethorpe Power

STRENGTH POWER

Dalton
CONSTRUCTION

Reactor Coolant Pump Delivery

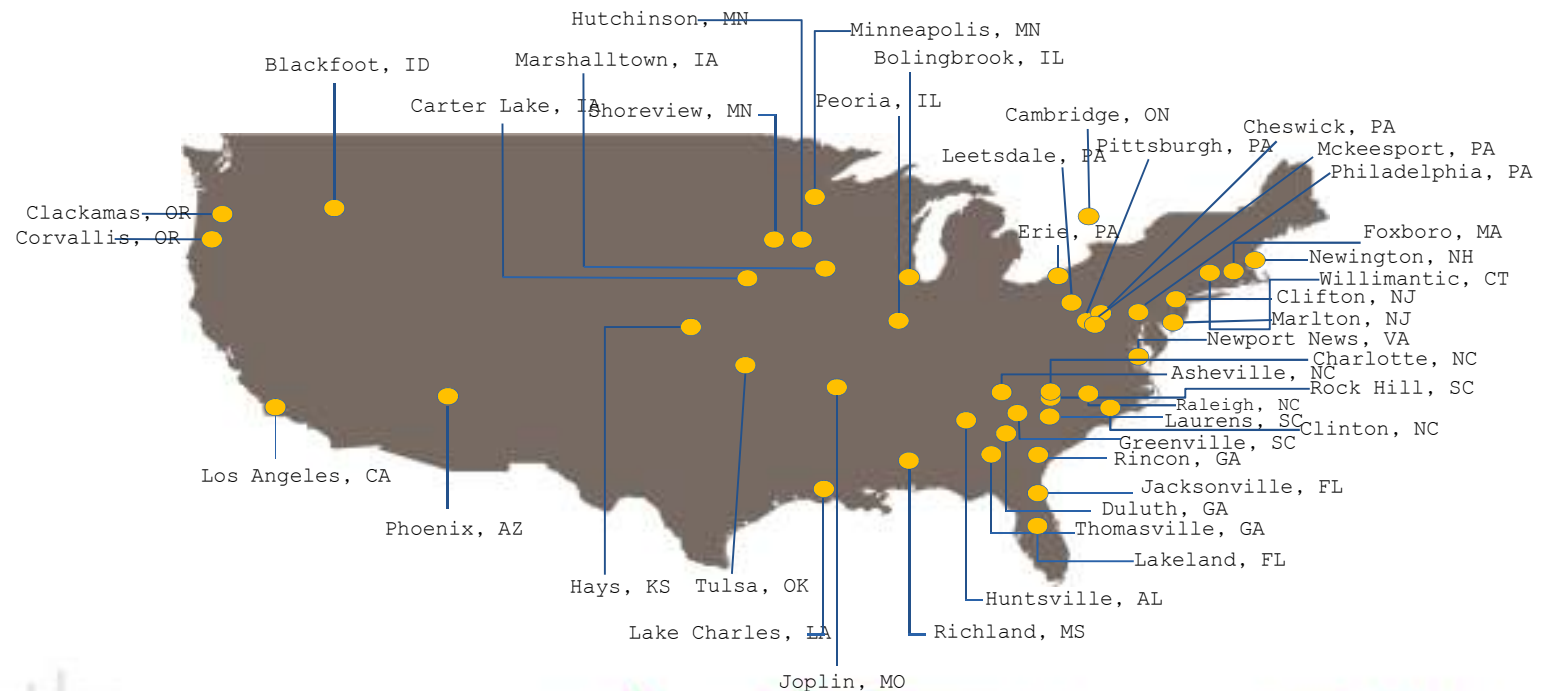


Vogtle

units 3&4 Nuclear Development

POWER Dalton

Major Domestic Component Manufacturing Locations

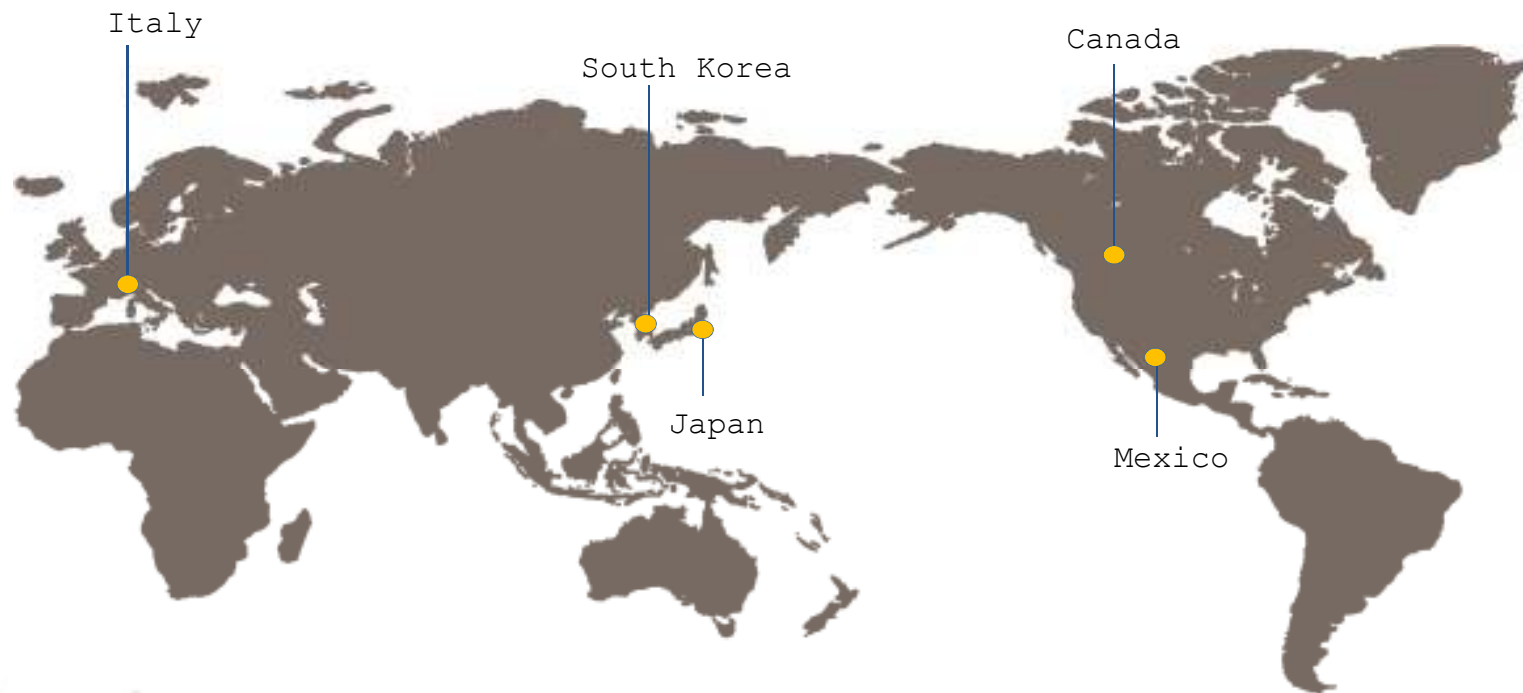


Vogle

units 3&4 Nuclear Development



Major International Component Manufacturing Locations



Vogtle

units 3&4 Nuclear Development

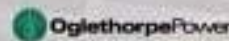
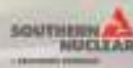


SNC Supplier Lessons Learned

- Requirements Flow Down to Sub-suppliers
- Corrective Action Program Weaknesses
- Commercial Grade Dedication
- Identification and Storage of non-conforming material
- Preventive Maintenance
- Documentation Errors
- Source Inspection Rigor

Vogtle

units 3&4 Nuclear Development





Vogtle

units 3&4 Nuclear Development



Questions?

Vogtle



units 3&4 Nuclear Development