

Vogtle

units 3&4 Nuclear Development



# Supplier Compliance

Onsite and Offsite Fabrication

Components and Commodities



# Modules – Onsite Assembly

- **Module Assembly**
  - CA01 – Steam Generator and Refueling Canal Module (47 Sub-modules)
  - CB65 – Reactor Coolant Drain Tank (RCDT) Room (12 Panels)
  - CA03 – IRWST Southwest Walls (17 Sub-modules)



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# Modules – Onsite Assembly

- Module CA05 was completed and set into the Unit 3 Nuclear Island in 3Q 2014.



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# Components – Onsite

- Unit 3 Pressurizer
- Unit 3 Core Makeup Tanks



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# Components – Fabrication

- Reactor Coolant Pumps
- Squib Valves
- PRHR Heat Exchangers



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# Components – Fabrication

- Unit 4 Core Makeup Tanks
- Unit 3 Pressurizer
- Reactor Vessel Internals



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# Component & Commodity Progress

- Teaming with Consortium for Surveillances of Commodities and Components
- Improving Quality with increased oversight
- 23 Surveillances and Management visits in last 4 months.



# Shop Visits



- First Article Assessments
  - OIW, Greenberry, SMCI and NNI
- Management Visits
  - Lake Charles, Greenberry, Aecon, SMCI, OIW, Toshiba/IHI and NNI
- Joint inspections(SNC/CB&I site)
  - Lake Charles, Greenberry, SMCI

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# Fabrication Progress



- 45 of 47 Unit 3 CA01 sub-modules onsite
- 4 of 5 Unit 3 CA02 sub-modules onsite
- 38 Shield Building Panels onsite
- Unit 4 sub-modules to start shipping by end of November

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# Vogtle Units 3&4



Vogtle Units 3 and 4, with switchyard in background.

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# Vogtle Units 1-4



Vogtle Units 1-4.

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