SCANA Nuclear Update March 2010
New NRC Commissioners

George Apostolakis

William Magwood

William Ostendorff
VCS Unit 1

- Operating @ 100%
- Completed 18th refueling outage last year, no outages in 2010
- Reaccredited operator training programs
- 10/10 candidates passed NRC license exam
- Co-op program ~ 350 applicants
Outage Labor

- 1139 additional workers
  - 623 general workers
  - 52 peers (includes)
    - 18 Fossil/Hydro
    - 4 PSNC (welders)
    - 7 Santee Cooper
    - 10 Progress Energy
  - 19 Fairfield county EMS
  - 445 specialty contractors
SCANA’s Project

- EPC May ‘08 SCE&G/Shaw/Santee Cooper
- PSC hearing in December ‘08
  - Positive decision by 7-0 vote Feb ’09
  - SC Supreme Court heard appeal March 4
- PSC hearing Nov ‘09 schedule rebaseline
- Environmental public meetings
  - Jan ’09 Jenkinsville & Winnsboro
- ASLB
  - Same interveners as PSC hearings
  - Ruling Feb ‘09 – no admissible contentions
  - Appealed by Sierra Club, Part reversal by NRC
  - No admissible contentions March 2010
- Contract DOE spent fuel Units 2 & 3
- Final four for DOE loan guarantees
Mayo Creek Bridge Girder Installation
Circulating Water Pipe Staged
Placing Circ Water Pipe
AP1000 Main Control Room & Simulator
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<tr>
<th>Year</th>
<th>Unit 2</th>
<th>Unit 3</th>
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<td>2011</td>
<td>Unit 2-RCPs</td>
<td>Unit 2-RCPs (Complete April 2015)</td>
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<td>2012</td>
<td>Unit 2-Steam Generators</td>
<td>Unit 3-Steam Generators- (Complete Feb 2015)</td>
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<td>2013</td>
<td>Unit 2-Reactors Vessel</td>
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<td>Unit 2-Integrated Head Package</td>
<td>Unit 3-Integrated Head Package (Complete April 2015)</td>
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<td>Unit 2-Squib Valves</td>
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<td>U2 &amp; U3-Reactor Coolant Loop Piping</td>
<td>Unit 3-RCPs (Complete June 2015)</td>
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<td>Unit 2-Accumulators</td>
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Component Fabrication

- RCPs
- VFDs
- RV Internals
- CRDMs
- PZR, PRHR, CMT, ACC, Main loop pipe
- RV, SGs
- Main TG
- Condenser
- MSRs
- FWHs
- CV
- SG tubing
- IHP
- Modules
Reactor Vessel
Reactor Coolant Piping
Loan Guarantees

• Made final four
  – Southern - Vogtle
  – SCANA - VC Summer
  – NRG - South Texas
  – Constellation – Calvert Cliffs
• Seen as positive by financial community
• $18.5b currently available
• Obama administration seeking $54.5b
• Yet to see term sheet or credit subsidy fee
• Close on terms for due diligence
**Generation Mix**

**Current Generation Mix**
- Nuclear: 18%
- Coal: 50%
- Gas: 26%
- Hydro: 4%
- Biomass: 1.4%
- Non-emitting: 23.4%

**2019 Generation Mix**
- Nuclear: 55%
- Coal: 34%
- Gas: 7%
- Hydro: 3%
- Biomass: 1.4%
- Non-emitting: 59.4%

As of December 31, 2009