Progress Energy

A Century of Progress 1908-2009
• Progress Energy at a glance
• Robinson Nuclear Plant at a glance
• Challenges facing utilities
• Nuclear’s role in clean energy
• Robinson’s workforce strategy
• Robinson’s role in the community
Progress Energy at a glance

- 3.1 million customers with more than 22,000 megawatts of generation
- Progress Energy Carolinas - 1.5 million customers
- Progress Energy Florida - 1.6 million customers

Progress Energy service territory in red
2008 Energy Mix

- Nuclear: 46%
- Coal: 48%
- Gas/Oil Hydro: 5%
- 1%

Carolinas Generation
H.B. Robinson Plant

- Nuclear Plant Began Commercial Operation March 1971
  - Generates 710 Megawatts Of Power
- First Commercial Nuclear Power Plant in the Southeastern U.S.
- Largest Commercial Nuclear Plant in the World in 1971
H.B. Robinson Plant

- Commercial Operation For 38 Years
- Initial 40-Year License would have expired in 2010
- In April 2004, NRC Approved the Renewal of our License for an additional 20 years
- Continue To Provide Safe And Reliable Power For Our Customers Through 2030
Robinson Workforce

- 425 Progress Energy
- 150 Contract Employees
Economic Impact

Darlington County Property Taxes 2008

$ 11,380,645.37
The new energy reality: At a crossroads

- Rising costs
- Global climate change
- Future carbon regulation
- Renewable portfolio standards
- Foreign oil concerns
- Lack of cost-effective, large-scale renewables
“......the last time our nation’s emissions were 80% below 1990 levels was in 1905......”

Data source: Oak Ridge National Laboratory/CDIAC (http://cdiac.ornl.gov/trends/emis/tre_usa.html)
The new energy reality: More customers to serve

2009
1.5 million customers

2026
1.81 million customers
Robinson’s Contribution

- Nuclear power
  - Zero greenhouse gas emissions
  - Promotes energy independence through less reliance on foreign energy sources
  - Stable prices over time
Barnwell Support

Progress Energy
An industry partner in the Barnwell LLRW facility

• The Robinson Plant is part of the generators group of the Atlantic Compact

• We are committed to the viability of the facility for the benefit of the compact generators

• Costs of disposal for the Progress Energy fleet of nuclear plants has more than doubled due to closure of the site to out-of-compact generators.
Robinson

Questions?