Symposium for Enabling Advanced Reactors for the Market

Brandon W. Waites, PE, PMP
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Southern Company Overview

46,000
• MW generating capacity

1,500
• Billion cubic feet of natural gas consumption & throughput

9 million
• Electric & gas customers

Generation

- Natural Gas
- Coal
- Nuclear
- Hydro/Renewables
Southern Company – Customer-Focused Business Model

We Are…
• Providing clean, safe, reliable and affordable energy
• Inventing America's future by developing the full portfolio of energy resources

We intend to…
• Advance new nuclear as one part of that full portfolio

We promote “Optionality” by…
• Supporting advancement of new nuclear technologies
• R&D programs focused on nuclear development
• Partnerships with industry, DOE, and others

We expect…
Future “Optionality” of advanced nuclear generation
Advanced Nuclear Generation Optionality

What are utilities looking for…

• Prove it - move from concept to concrete
  • Technology viability
  • Regulatory confidence
  • Construction readiness
  • Safe, efficient & flexible operations
• Competitiveness
  • Provide certainty in the integrated planning process
  • Enable a strong business case
  • Provide competitive value
• Deployment of advanced nuclear provides utilities **optionality**