

A large, abstract graphic consisting of several overlapping, wavy, blue lines that create a sense of motion and depth, filling the upper half of the slide.

Duke Energy Nuclear Programs Update for the South Carolina Governor's Nuclear Advisory Council

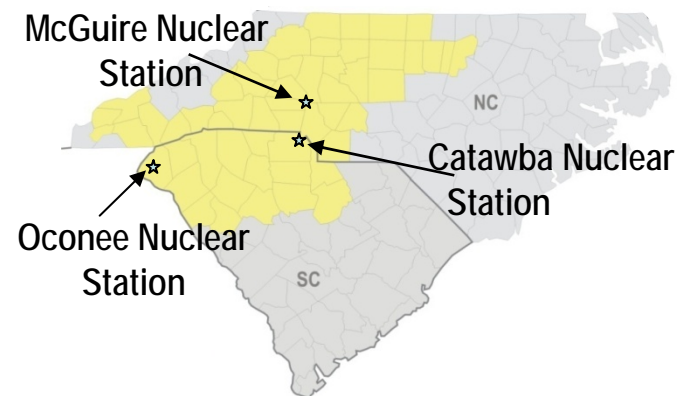
Steve Nesbit

Director, Nuclear Policy and Support

December 10, 2009

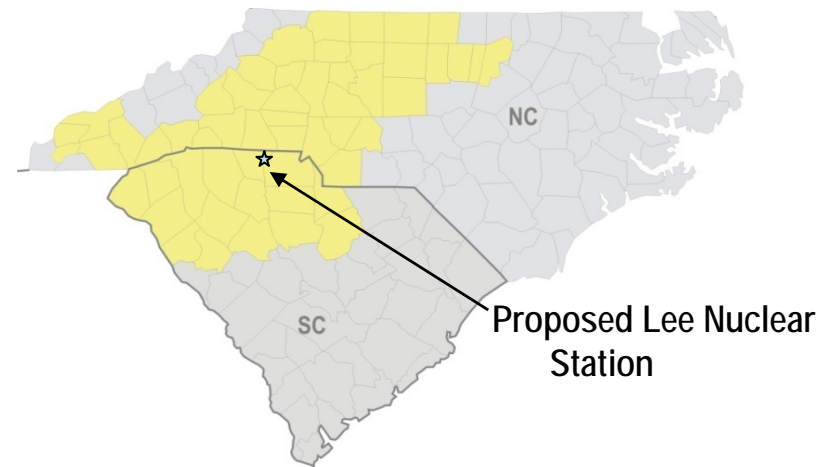
Nuclear Fleet Performance in 2009

- Strong performance through October
 - System capacity factor 96.1%
 - Oconee recognized as a Top Plant for digital instrumentation and controls work
 - McGuire Unit 2 completed second consecutive breaker-to-breaker run
 - Catawba Unit 1 completed the first ever Catawba breaker-to-breaker run
- Fall outage issues
 - Early shutdown at Catawba
 - Fuel damage during Oconee outage



New Nuclear Development

- Lee Nuclear Station license application supplemented to include new makeup pond
- Probable commercial operation date for Lee Nuclear Station changed from 2018 to 2021
- AP1000 design certification issues
- Piketon, Ohio Energy Park initiative



Used Fuel Management

- Obama Administration opposition to the proposed Yucca Mountain repository is hardening
- Trade press reports indicate that the Department of Energy (DOE) is preparing to withdraw the license application and terminate the project
- “Blue Ribbon Commission” planned to consider alternatives
- Potential impacts on commercial nuclear plants as well as DOE sites



View of Yucca Mountain from the northwest