

FINAL: 9/26/16

SCHEDULING NOTE

Title: Hearing on Combined Licenses for William States Lee III Nuclear Station, Units 1 and 2: Section 189a. of the Atomic Energy Act (Public Meeting)

Purpose: To receive testimony and exhibits regarding the application of Duke Energy Carolinas, LLC (Duke Energy) for two combined licenses (COLs) to construct and operate two new nuclear power generation units at a site in Cherokee County, South Carolina. The testimony will focus on unique features of the facility or novel issues that arose as part of the review process, as well as other significant technical or policy issues associated with aspects of the staff's review that are important for the Commission to consider when making its final decision. The Commission will determine whether the staff's review has been adequate to support the findings required by 10 C.F.R. §§ 52.97(a) and 51.107(a).

Scheduled: October 5, 2016
9:00 am

Duration: 1 Day

Location: Commissioners' Conference Room, 1st Floor OWFN

NOTE: Chairman to provide opening remarks, admit exhibits, and swear in witnesses. **20 mins.**

Participants: **Presentation**
(Note: Presenters seated at the table are listed, other staff available to answer questions will be seated in the well and reserved seats)

Overview (Duke Energy) (9:20 am) **30 mins.***

At the table:

Christopher Fallon, Vice President, Nuclear Development, Duke Energy
Robert Kitchen, Director, Licensing Nuclear Development, Duke Energy
Paul Snead, Manager, Siting and Licensing Support, Duke Energy

Topic: Overview

Commission Q & A (round of questions; 6 minutes each) **18 mins.****

Overview (NRC Staff) **30 mins.***

At the table:

Vonna Ordaz, Deputy Director, Office of New Reactors (NRO)

Francis Akstulewicz, Director, Division of New Reactor Licensing (DNRL), NRO

Samuel Lee, Acting Deputy Director, DNRL, NRO

Topic: Overview, including use of the design-centered review approach for AP1000 COL applications*** and summary of regulatory findings.

Commission Q & A (round of questions; 6 minutes each) **18 mins.****

BREAK **5 mins.**

NOTE: For the remaining panels, the applicant is expected to discuss the contents of the COL application while the staff is expected to discuss its review process and regulatory conclusions. Each panel should include a discussion of site-specific Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) or other license conditions associated with the subject matter of the panel.

Safety Panel (11:05 am)

Applicant **5 mins.***

At the table:

Robert Kitchen, Director, Licensing Nuclear Development, Duke Energy

John Thrasher, Director, Engineering Nuclear Development, Duke Energy

Lawrence Taylor, Lead, Procedure and Program Development, Nuclear Development, Duke Energy

Staff

15 mins.*

At the table:

Brian Hughes, Senior Project Manager, NRO

Robert Roche, Structural Engineer, NRO

Kenneth Thomas, Emergency Preparedness Specialist, Nuclear Security and Incident Response

Topics: Relevant sections of the application and the following chapters of the Final Safety Evaluation Report (FSER):

- Chapter 3 “Design of Structures, Components, Equipment, and Systems,” The Lee site-specific response spectra exceeds the response spectra for AP1000 design certification, therefore a site-specific evaluation is required to determine the acceptability of the AP1000 standard design for the Lee site.
- Chapter 13, "Conduct of Operations, “Duke Energy has filed a request to have the emergency operations facility (EOF) located in Charlotte, North Carolina. Commission approval prior to implementation is required in accordance with Appendix E, Section IV.E.8.b of 10 C.F.R. 50 (“Content of Emergency Plans; Emergency Facilities and Equipment”) because the location of the Charlotte EOF is greater than 25 miles from the affected reactor site.

NOTE: The panel will not have specific topics to discuss for the remainder of the FSER. If the Commission wishes to ask questions on other topics, this panel would be the appropriate time.

Commission Q & A (round of questions; 6 minutes each)

18 mins.**

BREAK (Lunch Break-Approx. 11:45 am - 1:15 pm)

~1.5 hour

Environmental Panel (1:15 pm)

Applicant

5 mins.*

At the table:

Robert Kitchen, Director, Licensing Nuclear Development, Duke Energy

John Thrasher, Director, Engineering Nuclear Development, Duke Energy

Paul Snead, Manager, Siting and Licensing Support, Duke Energy

Staff **15 mins.***

At the table:

Patricia Vokoun, Project Manager, NRO

Lance Vail, Senior Research Engineer, Pacific Northwest National
Laboratory

Topic: Relevant sections of the Final Environmental Impact Statement related to one novel issue: the proposed addition of a new offsite reservoir (Make-Up Pond C).

NOTE: The panel will not have specific topics to discuss for the remainder of the final environmental impact statement. If the Commission wishes to ask questions on other topics, this panel would be the appropriate time.

Commission Q & A (round of questions; 6 minutes each) **18 mins.****

Closing (1:55 pm)

Closing Statement by Applicant **10 mins.***

Christopher Fallon, Vice President, Nuclear Development, Duke Energy

Robert Kitchen, Director, Licensing Nuclear Development, Duke Energy

Closing Statement by Staff **10 mins.***

Vonna Ordaz, Deputy Director, Office of New Reactors, NRO

Francis Akstulewicz, Director, DNRL, NRO

Samuel Lee, Acting Deputy Director, DNRL, NRO

Commission Q & A and Closing Statements **18 mins.****

*For presentation only and does not include time for Commission Q & A's.

**All Commissioners will have an opportunity to ask questions after each panel. Commissioners will start the Q&A with their total time allotted to allocate as they see fit among the panels.

*** Design issues associated with the AP1000 incorporated by reference have been resolved in the context of the design certification rulemaking but are discussed here to provide context for the COL review.