

January 11, 2011

Mr. Bryan J. Dolan  
Vice President, Nuclear Plant Development  
Duke Energy Carolinas, LLC  
P.O. Box 1006 – EC09D  
Charlotte, North Carolina 28201-1006

SUBJECT: WILLIAM STATES LEE III NUCLEAR STATION, UNITS 1 AND 2 COMBINED  
LICENSE APPLICATION – REVISED REVIEW SCHEDULE

Dear Mr. Dolan:

By letter dated December 12, 2007 (Agencywide Documents Access and Management System Accession Number (ADAMS), ML073510494) Duke Energy Carolinas, LLC (Duke) submitted its application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advanced passive pressurized water reactors pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 52. This letter updates and replaces the safety review schedule discussed in the letter dated April 2, 2008 (ADAMS Accession Number ML080920621). The review supports the issuance of a Final Safety Evaluation Report and a Final Environmental Impact Statement in August 2012.

The William States Lee III Nuclear Station, Units 1 and 2 (WSL) COL application review schedule has been previously communicated to you in several letters. This letter does not change the environmental review schedule that was discussed in the letter dated January 5, 2010 (ADAMS Accession Number ML092660080).

### **Safety Review Schedule**

The WSL Units 1 and 2 COL application incorporates by reference both Appendix D to 10 CFR 52 and the AP1000 Design Control Document amendment submitted by Westinghouse as Revision 17. Therefore, a substantial portion of the WSL Units 1 and 2 COL review schedule is dependent on the review schedule for the AP1000 Design Certification Amendment (DCA). Because the technical issues on the DCA required substantial resources well beyond those originally planned, the staff's efforts to complete the design certification amendment has had a resultant significant impact on the review schedules for plants referencing the AP1000 design.

By letter dated February 25, 2010 (ADAMS Accession Number ML100620211), Duke's submittal of the WSL COL application, Revision 2, revised the Commercial Operation Date (COD) to CY 2021 for WSL Unit 1.

We have updated the WSL Units 1 and 2 safety review schedule to reflect the circumstances described above, and the schedule is consistent with the Office of New Reactor's practice of focusing resources on the completion of the review of design certifications, limited work authorizations, and combined license applications needed for new nuclear projects that are expected to start operating during CY2016-CY2017. The revised WSL Units 1 and 2 safety review schedule is provided in Table 1 of this letter. Should any revisions to the AP1000 DCA, Vogtle Reference COL application, or WSL COL application occur, we will further revise the review schedule, as necessary.

### **Environmental Review Schedule**

The enclosure to the January 5, 2010, WSL Units 1 and 2 COL review schedule letter summarized major public milestones for the Lee Station COL application environmental review. Public milestones include issuing the draft environmental impact statement (EIS) in July 2011; resolving comments on the draft EIS by February 2012; and issuing the final EIS in August 2012. The current WSL Units 1 and 2 environmental review schedule is provided in Table 1 of this letter.

B. Dolan

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Should you have any questions regarding the safety review schedule, please contact Brian Hughes at (301) 415-6582 or e-mail at [Brian.Hughes@nrc.gov](mailto:Brian.Hughes@nrc.gov). Should you have any questions regarding the environmental review schedule, please contact Sarah Lopas at (301) 415-1147 or e-mail at [Sarah.Lopas@nrc.gov](mailto:Sarah.Lopas@nrc.gov).

Sincerely,

**/RA/**

David B. Matthews, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-018  
52-019

Enclosure:

Table 1 - Revised Safety and Environmental Review Schedule  
for the William States Lee Nuclear Station Units 1 and 2 Combined  
License Application

cc: See next page

B. Dolan

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Should you have any questions regarding the safety review schedule, please contact Brian Hughes at (301) 415-6582 or e-mail at [Brian.Hughes@nrc.gov](mailto:Brian.Hughes@nrc.gov). Should you have any questions regarding the environmental review schedule, please contact Sarah Lopas at (301) 415-1147 or e-mail at [Sarah.Lopas@nrc.gov](mailto:Sarah.Lopas@nrc.gov).

Sincerely,

**/RA/**

David B. Matthews, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-018  
52-019

Enclosure:

Table 1 - Revised Safety and Environmental Review Schedule  
for the William States Lee Nuclear Station Units 1 and 2 Combined  
License Application

cc: See next page

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**NRO-002**

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| <b>NAME</b>   | JCruz               | DMatthews/<br>FAkstulewicz |                     |            |
|               | 12/21/2010          | 01/11/2010                 |                     |            |

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**Table 1: Revised Safety and Environmental Review Schedule for the William States Lee Nuclear Station Units 1 and 2 Combined License Application**

| <b><u>Phase of Safety Review</u></b>                                     | <b><u>Target Completion Date</u></b> |
|--|--------------------------------------|
| Phase A Requests for Additional Information (RAIs) and Supplemental RAIs | Completed                            |
| Phase B Advanced Safety Evaluation Report (SER) with no Open Items (OIs) | 2/2012                               |
| Phase C ACRS review of Advanced SER with no OIs                          | 5/2012                               |
| Phase D Final SER Issued   | 8/2012                               |
| <b><u>Phase of Environmental Review</u></b>                              | <b><u>Target Completion Date</u></b> |
| Phase 2 Draft Environmental Impact Statement (DEIS)                      | 07/2011                              |
| Phase 3 Response to public comments on DEIS completed                    | 02/2012                              |
| Phase 4 Final Environmental Impact Statement                             | 08/2012                              |

COL - Duke Energy - Lee Mailing List  
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(Revised 06/23/2010)

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