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November 24, 2008

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC.
William States Lee III Nuclear Station - Docket Nos. 52-018 and 52-019
AP1000 Combined License Application for the
William States Lee III Nuclear Station Units 1 and 2
Response to Request for Additional Information
(RAI No. 1291)
Ltr# WLG2008.11-23

Reference: Letter from Brian Hughes (NRC) to Peter Hastings (Duke Energy),
Request for Additional Information Letter No. 038 Related To SRP Section
09.02.02 for the William States Lee III Units 1 And 2 Combined License
Application, dated November 4, 2008

This letter provides the Duke Energy response to the Nuclear Regulatory Commission's request for additional information (RAI) included in the referenced letter.

Response to the NRC information request described in the referenced letter is addressed in a separate enclosure, which also identifies associated changes, when appropriate, that will be made in a future revision of the Final Safety Analysis Report for the Lee Nuclear Station.

If you have any questions or need any additional information, please contact Peter S. Hastings, Nuclear Plant Development Licensing Manager, at 980-373-7820.

Bryan J. Dolan
Vice President
Nuclear Plant Development

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Document Control Desk
November 24, 2008
Page 2 of 4

Enclosure:

- 1) Duke Energy Response to Request for Additional Information Letter 038,
RAI 09.02.02-001

AFFIDAVIT OF BRYAN J. DOLAN

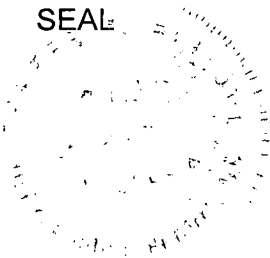
Bryan J. Dolan, being duly sworn, states that he is Vice President, Nuclear Plant Development, Duke Energy Carolinas, LLC, that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission this supplement to the combined license application for the William States Lee III Nuclear Station and that all the matter and facts set forth herein are true and correct to the best of his knowledge.

Bryan J. Dolan
Bryan J. Dolan

Subscribed and sworn to me on November 24, 2008

Deebee P. Elliott
Notary Public

My commission expires: June 26, 2011



Document Control Desk
November 24, 2008
Page 4 of 4

xc (w/o enclosure):

Michael Johnson, Director, Office of New Reactors
Gary Holahan, Deputy Director, Office of New Reactors
David Matthews, Director, Division of New Reactor Licensing
Scott Flanders, Director, Site and Environmental Reviews
Glenn Tracy, Director, Division of Construction Inspection and Operational Programs
Charles Ader, Director, Division of Safety Systems and Risk Assessment
Michael Mayfield, Director, Division of Engineering
Luis Reyes, Regional Administrator, Region II
Loren Plisco, Deputy Regional Administrator, Region II
Thomas Bergman, Deputy Division Director, DNRL
Stephanie Coffin, Branch Chief, DNRL

xc (w/ enclosure):

Brian Hughes, Senior Project Manager, DNRL

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter No. 038

NRC Technical Review Branch: Balance of Plant Branch 1 (SBPA)

Reference NRC RAI Number(s): RAI 09.02.02-001

NRC RAI:

FSAR Section 9.2.8.2.3, "Startup," in the Lee Combined Operating License application, Revision 1, eliminates the bracketed Conceptual Design Information that is specified in Revision 16 of the AP1000 Design Control Document (DCD) from the following sentence: "The turbine building closed cooling water system is placed in operation during the plant startup sequence [[after the circulating water system is in operation but]] prior to the operation of systems that require turbine building closed cooling water flow." Additional information is needed to either provide the supplemental information that is called for or to properly recognize and justify the elimination of the bracketed information as a proposed departure from the AP1000 DCD.

Duke Energy Response:

In a letter to the NRC (Reference 1), Duke Energy submitted a supplement to the William States Lee III Nuclear Station Units 1 and 2 Combined License Application that added Subsection 9.2.8 to the Final Safety Analysis Report.

The bracketed information for the turbine building closed cooling water system startup will be included in a future revision of the Final Safety Analysis Report as indicated in the FSAR mark-up in Attachment 1.

Reference:

1. Letter from Bryan J. Dolan (Duke Energy) to NRC Document Control Desk, *FSAR Section 9.2.8, Turbine Building Closed Cooling Water System*, dated April 15, 2008

Associated Revision to the Lee Nuclear Station Final Safety Analysis Report:

FSAR Subsection 9.2.8.2.3

Attachment:

- 1) Mark-up of FSAR Subsection 9.2.8.2.3

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 1 to RAI 09.02.02-001

Mark-up of FSAR Subsection 9.2.8.2.3

Duke Letter Dated: November 24, 2008

COLA Part 2, FSAR, Chapter 9, Subsection 9.2.8.2.3, second paragraph, will be revised as follows:

Startup

WLS CDI The turbine building closed cooling water system is placed in operation during the plant startup sequence after cooling water flow from the CWS, or RWS when applicable, is established but prior to the operation of systems that require turbine building closed cooling water flow. The system is filled by the demineralized water transfer and storage system through a fill line to the surge tank. The system is placed in operation by starting one of the pumps.