June 06, 2013

CHRISTOPHER M. FALLON Vice President Nuclear Development

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10 CFR 52.79

U.S. Nuclear Regulatory Commission Attn: Document Control Desk 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 Cherokee Nuclear Station Final Foundation Geologic Map Record Ltr#: WLG2013.06-02

References:

- 2: 1. Letter from Christopher M. Fallon (Duke Energy) to NRC Document Control Desk, Supplemental Information Related to Design Changes to the Lee Units 1 and 2 Physical Locations and Additional Design Enhancements, Ltr# WLG2013.05-02, dated May 02, 2013 (ML13127A224)
 - Letter from Ronald A. Jones (Duke Energy) to NRC Document Control Desk, Cherokee Nuclear Station Final Foundation Geologic Map Record, Ltr# WLG2011.12-04, dated December 15, 2011 (ML12065A114)
 - 3. Letter from Bryan J. Dolan (Duke Energy) to NRC Document Control Desk, Geological Mapping, Ltr# WLG2011.03-07, dated March 17, 2011 (ML110800599)

Reference 2 provided Revision 2 of report DUK-001-PR-01, Cherokee Nuclear Station Final Foundation Geologic Map Record. Enclosure 1 of this letter lists the ADAMS entries associated with Reference 2.

As a result of the relocation of the Lee units (see Reference 1), report DUK-001-PR-01 has been updated to Revision 3 to reflect the new locations. The main body of the report was revised, and the report appendices were unchanged. The report conclusions were not affected by the relocation of the Lee units.

Enclosure 2 provides a listing of the 23 electronic files making up Revision 3 of report DUK-001-PR-01, and includes a CD-ROM providing the updated report.



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If you have any questions or need any additional information, please contact Robert H. Kitchen, Nuclear Development Licensing Director, at (704) 382-4046.

Sincerely,

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Christopher M. Fallon Vice President Nuclear Development U.S. Nuclear Regulatory Commission June 06, 2013 Page 3 of 5

Enclosures:

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- 1) ADAMS Entries for Project Report DUK-001-PR-01, Rev. 2, Cherokee Nuclear Station Final Foundation Geologic Map Record (December 2011)
- 2) Project Report DUK-001-PR-01, Rev. 3, Cherokee Nuclear Station Final Foundation Geologic Map Record (CD-ROM)

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xc (w/o enclosures):

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Frederick Brown, Deputy Regional Administrator, Region II

xc (w/ enclosures):

Brian Hughes, Senior Project Manager, DNRL

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AFFIDAVIT OF CHRISTOPHER M. FALLON

Christopher M. Fallon, being duly sworn, states that he is Vice President, Nuclear 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 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.

Churtome M. Fall

Christopher M. Fallon, Vice President Nuclear Development

Subscribed and sworn to me on June 6, 2013 Teresa D. Notary Public

2/2015 9 My commission expires:



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ADAMS Entries for Project Report DUK-001-PR-01, Rev. 2, Cherokee Nuclear Station Final Foundation Geologic Map Record (December 2011)

Document Title	Accession Number
William States Lee III Nuclear Station Units 1 & 2, AP1000 Combined License Application - Cherokee Nuclear Station Final Foundation Geologic Map Record.	ML12065A114
DUK-001-PR-01, Rev. 2, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Table of Contents Through Figure 6.	ML12065A126
DUK-001-PR-01, Rev. 2, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Figure 7 Through Figure 10.	ML12065A124
DUK-001-PR-01, Rev. 2, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Figure 11 Through Figure 22.	ML12065A125
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Plate 1.	ML12065A129
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix A.	ML12065A133
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix B.	ML12065A130
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix C.	ML12065A132
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix D.	ML12065A134
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix E.	ML12065A136
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix F, Table of Contents through Panel 49.	ML12065A162
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix F, Panel 50 through Appendix F, Panel SB2.	ML12065A163
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Table of Contents.	ML12065A165
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 1.	ML12065A166
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 2.	ML12065A160
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 3.	ML12065A161
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 4.	ML12065A164
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 5.	ML12065A152
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 6.	ML12065A153
DUK-001-PR-01, Rev. 0, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix G, Sheet 7.	ML12065A154
DUK-001-PR-01, Rev. 1, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix H, Pages H1 of H414 through H138 of H414.	ML12065A150
DUK-001-PR-01, Rev. 1, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix H, Pages H139 of H414 through H276 of H414.	ML12065A151
DUK-001-PR-01, Rev. 1, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix H, Pages H277 of H414 through H414 of H414.	ML12065A155
DUK-001-PR-01, Rev. 1, "Cherokee Nuclear Station Final Foundation Geologic Map Record", Appendix I through End.	ML12065A156

Enclosure 2

Duke Energy Letter Dated: June 06, 2013

Project Report DUK-001-PR-01, Rev. 3, Cherokee Nuclear Station Final Foundation Geologic Map Record (CD-ROM)

Consisting of the following electronic files

001_DUK-001-PR-01_Rev_3_Part_1_of_23.pdf 002_DUK-001-PR-01_Rev 3_Part 2_of 23.pdf 003_DUK-001-PR-01_Rev 3 Part 3 of 23.pdf 004_DUK-001-PR-01_Rev_0_Plate_1_Part_4_of_23.pdf 005_DUK-001-PR-01_Rev_0_App_A_Part 5 of 23.pdf 006_DUK-001-PR-01_Rev_0_App B Part 6 of 23.pdf 007_DUK-001-PR-01 Rev 0 App C Part 7 of 23.pdf 008 DUK-001-PR-01 Rev 0 App D Part 8 of 23.pdf 009_DUK-001-PR-01_Rev_0_App_E_Part_9_of_23.pdf 010_DUK-001-PR-01_Rev_0_App_F_Part_10_of_23.pdf 011_DUK-001-PR-01_Rev_0_App_F_Part_11_of_23.pdf 012_DUK-001-PR-01 Rev 0 App G Part 12 of 23.pdf 013_DUK-001-PR-01 Rev 0 App G Part 13 of 23.pdf 014_DUK-001-PR-01_Rev_0 App G Part 14 of 23.pdf 015_DUK-001-PR-01_Rev_0_App_G_Part_15_of_23.pdf 016_DUK-001-PR-01_Rev_0_App_G_Part_16_of_23.pdf 017_DUK-001-PR-01_Rev_0_App_G_Part_17_of_23.pdf 018 _DUK-001-PR-01_Rev_0_App_G_Part_18_of_23.pdf 019_DUK-001-PR-01 Rev 0 App G Part 19 of 23.pdf 020_DUK-001-PR-01_Rev_1_App_H_Part_20_of_23.pdf 021_DUK-001-PR-01_Rev_1_App_H_Part_21_of_23.pdf 022_DUK-001-PR-01_Rev_1_App_H_Part_22_of_23.pdf 023_DUK-001-PR-01 Rev 1 App I Part 23 of 23.pdf

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