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June 06, 2013

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

10 CFR 52.79

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:
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)
  2. 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,

A handwritten signature in black ink that reads "Christopher M. Fallon". The signature is written in a cursive style with a large initial "C" and a long, sweeping underline.

Christopher M. Fallon  
Vice President  
Nuclear Development

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Enclosures:

- 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):

Frederick Brown, Deputy Regional Administrator, Region II

xc (w/ enclosures):

Brian Hughes, Senior Project Manager, DNRL

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.

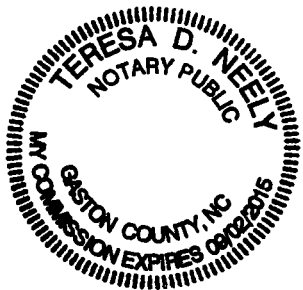
Christopher M. Fallon  
Christopher M. Fallon, Vice President  
Nuclear Development

Subscribed and sworn to me on June 6, 2013

Teresa D. Neely  
Notary Public

My commission expires: 9/2/2015

SEAL



**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

**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