

Dominion Resources Services, Inc.
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VIA HAND DELIVERY

August 22, 2014

Mr. Joel H. Peck, Clerk
c/o Document Control Center
State Corporation Commission
1300 East Main Street
Tyler Building – First Floor
Richmond, Virginia 23219

SCC-CLERK'S OFFICE
DOCUMENT CONTROL CENTER
2014 AUG 22 P 12: 58

**Application of Virginia Electric and Power Company for approval and certification of
electric facilities: Brambleton-Mosby 500 kV Line #546
Case No. PUE-2014-00086**

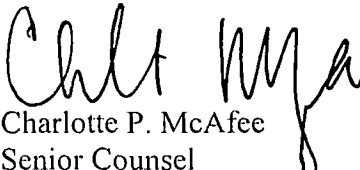
Dear Mr. Peck:

Enclosed for filing are an unbound original and fifteen (15) copies of Virginia Electric and Power Company's application for approval of electric facilities. This filing contains the Application, Appendix, DEQ Supplement, Direct Testimony and Exhibits.

As indicated in Section II.A.9.b of the Appendix contained in the enclosed filing, three (3) copies of a map showing the proposed route of the transmission line project described in the application were hand delivered to the Commission's Division of Energy Regulation today. The Company also delivered to the Division of Energy Regulation today a CD-ROM containing the digital geographic information system (GIS) map required by Virginia Code § 56-46.1, which is Attachment II.A.2 to the Appendix contained in the enclosed filing.

If you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely,

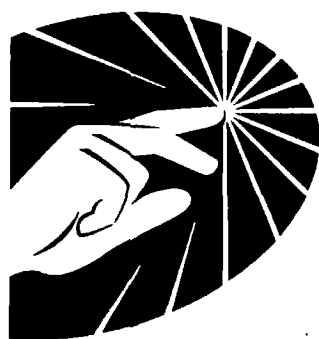

Charlotte P. McAfee
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Enclosures

cc: William H. Chambliss, Esq.
Kristian M. Dahl, Esq.
All federal, state and local agencies and officials listed in Section V.C. of the
Appendix

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Dominion[®]

Application,
Appendix, DEQ
Supplement, Direct
Testimony and
Exhibits of
Virginia Electric and
Power Company

Before the State Corporation
Commission of Virginia

Brambleton – Mosby 500 kV Line
#546

Application No. 268

Case No. PUE-2014-00086

Filed: August 22, 2014

**COMMONWEALTH OF VIRGINIA
BEFORE THE
STATE CORPORATION COMMISSION**

**APPLICATION OF
VIRGINIA ELECTRIC AND POWER COMPANY
FOR APPROVAL AND CERTIFICATION
OF ELECTRIC FACILITIES**

Brambleton-Mosby 500 kV Line #546

Application No. 268

Case No. PUE-2014-00086

Filed: August 22, 2014

COMMONWEALTH OF VIRGINIA
BEFORE THE
STATE CORPORATION COMMISSION

Application of)	
)	
Virginia Electric and Power Company)	Case No. PUE-2014-00086
)	
For approval and certification of electric)	
transmission facilities under Va. Code)	
§ 56-46.1 and the Utility Facilities Act,)	
Va. Code § 56-265.1 <i>et seq.</i>)	

**APPLICATION OF VIRGINIA ELECTRIC AND POWER COMPANY
FOR APPROVAL AND CERTIFICATION OF ELECTRIC FACILITIES
FOR THE BRAMBLETON-MOSBY 500 KV LINE #546**

Virginia Electric and Power Company (“Dominion Virginia Power” or the “Company”) respectfully shows as follows:

1. Dominion Virginia Power is a public service corporation organized under the laws of the Commonwealth of Virginia furnishing electric service to the public within its Virginia service territory. The Company also furnishes electric service to the public in portions of North Carolina. Dominion Virginia Power’s electric system, consisting of facilities for generation, transmission and distribution of electric energy, is interconnected with the electric systems of neighboring utilities, and is a part of the interconnected network of electric systems serving the continental United States. By reason of its operation in two states and its interconnections with other utilities, the Company is engaged in interstate commerce.

2. In order to perform its legal duty to furnish adequate and reliable electric service, Dominion Virginia Power must, from time to time, replace and construct new transmission facilities in its system. The electric facilities proposed in this application are

necessary so that Dominion Virginia Power can continue to provide reliable electric service to its customers, consistent with mandatory North American Electric Reliability Corporation (“NERC”) Reliability Standards for transmission facilities and the Company’s planning criteria.

3. Accordingly, the Company proposes to proposes to build, entirely within existing right-of-way, a second 500 kV Brambleton-Mosby line (to be designated Line #546) in Loudoun County and perform associated work at existing Mosby Switching Station (“Mosby Station”) and Brambleton Substation (collectively, the “Project”).

4. The Project is necessary to assure that Dominion Virginia Power can continue to provide reliable electric service consistent with mandatory NERC Reliability Standards for transmission facilities and the Company’s Transmission Planning Criteria. The Company’s 500 kV network is the major transportation system providing electrical energy to Dominion Virginia Power’s customers. Its primary purpose is to deliver bulk power needs from generation sources to major load centers. At these major load centers, bulk power is transferred from the 500 kV system to the 230 kV system via 500-230 kV transformations in accordance with NERC Reliability Standards. As described in Appendix Section I.A, the Project is needed to maintain reliable service to the Company's customers by allowing the Company's transmission system to maintain compliance with mandatory NERC Reliability Criteria.

5. As a transmission owner in PJM’s planning region, the Company fully participates in PJM’s transmission planning process under PJM’s Regional Transmission Expansion Plan Protocol and is obligated under the PJM Operating Agreement to construct, operate and own transmission facilities as designated by PJM in its annual Regional

Transmission Expansion Plan (“RTEP”). Each year, PJM, transmission owners and other stakeholders conduct a thorough study of the electric transmission grid and, based upon the findings, consider proposals to address the system needs identified by the study. The proposed Rebuild Project has been reviewed through the PJM Southern Subregional Committee and the PJM Transmission Expansion Advisory Committee.

6. The in-service date for the proposed Project is the summer (commencing June 1) of 2018. The estimated cost of the Project is \$27.3 million. The necessity for the proposed Project is described in more detail in Section I of the Appendix attached to this application.

7. The proposed facilities will afford the best means of meeting the continuing need for reliable service while reasonably minimizing adverse impact on the scenic, environmental and historic assets of the area. The route for the Project is located entirely within existing right-of-way. The transmission line route is described in Section III of the Appendix.

8. Based on consultations with the Virginia Department of Environmental Quality (“DEQ”), the Company has developed a supplement (“DEQ Supplement”) containing information designed to facilitate review and analysis of the proposed facilities by the DEQ and other relevant agencies. The DEQ Supplement is attached to this application.

9. Dominion Virginia Power’s experience, the advice of consultants and a review of published studies by experts in the field have disclosed no causal link to harmful health or safety effects from electric and magnetic fields generated by the Company’s existing or proposed facilities. For further discussion of this topic, *see* Section IV of the Appendix.

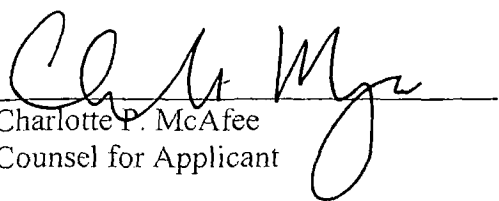
10. A list of federal, state and local agencies and officials that reasonably may be expected to have an interest in the proposed construction, and to which a copy of the application will be sent, is set forth in Section V of the Appendix.

11. In addition to the information provided in the Appendix and the DEQ Supplement, this application is supported by the prepared direct testimony of Company witnesses Peter Nedwick, Robert J. Shevenock II, Chris A. Lybolt and Stefan R. Brooks filed with this application.

WHEREFORE, Dominion Virginia Power respectfully requests that the Commission:

- (a) direct that notice of this application be given as required by § 56-46.1 of the Code of Virginia;
- (b) approve pursuant to § 56-46.1 of the Code of Virginia the construction of the proposed 500 kV transmission facilities; and
- (c) grant a certificate of public convenience and necessity for the facilities under the Utility Facilities Act.

VIRGINIA ELECTRIC AND POWER COMPANY

By: 
 Charlotte P. McAfee
 Counsel for Applicant

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Counsel for Applicant Virginia Electric and Power Company
 August 22, 2014