

ENC 1/27/09



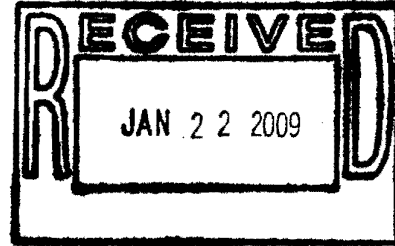
United States Department of the Interior



FISH AND WILDLIFE SERVICE

Ecological Services
6669 Short Lane
Gloucester, VA 23061

January 21, 2009



National Park Service
Manassas National Battlefield Park
12521 Lee Highway
Manassas, Virginia 20109-2005

Re: Proposed Dominion Transmission
Project Environmental Assessment,
Prince William County, Virginia

Greetings:

The U.S. Fish and Wildlife Service (Service) has received the notice from the National Park Service (NPS) regarding the preparation of an Environmental Assessment for erection of a new transmission line on an existing alignment within an existing cleared right-of-way on Manassas National Battlefield Park in Prince William County, Virginia. Construction of the power line would require clearing for six access roads. This letter constitutes the report of the Service on this project and is submitted in accordance with provisions of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Based on the information provided, the Service recommends that surveys be conducted for the federally-threatened, small whorled pogonia (*Isotria medeoloides*) in any appropriate habitat that would be affected by construction. The enclosed list contains individuals who are qualified to assess habitat and conduct surveys for the small whorled pogonia. This list may not include all individuals qualified or authorized to survey for this species. If a surveyor is selected who is not on the pre-approved surveyor list, the surveyor's qualifications and proposed survey design should be submitted to this office for review at least 30 days prior to work. Please send copies of all survey results to this office or inform this office if a survey will not be conducted.

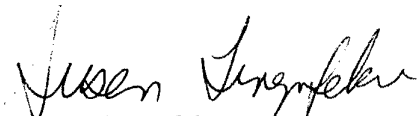
Approval of the survey design by the Virginia Department of Agriculture and Consumer Services may be necessary, since they also have legal authority over plants and insects in Virginia. They may be contacted at:

Mr. Keith Tignor
Virginia Department of Agriculture and Consumer Services
P.O. Box 1163
Richmond, Virginia 23218
Phone: (804) 786-3515
keith.tignor@vdacs.virginia.gov

Please send copies of any survey results to this office or inform this office if surveys will not be conducted. If the survey determines that any listed species are present in the vicinity of the project, NPS has the responsibility to determine if the project may affect the species and so notify the Service. Should NPS determine that the species may be adversely affected by the project, the consultation procedures under Section 7 of the Endangered Species Act (50 CFR Part 402) must be implemented by NPS.

The Service also recommends that you consider survey needs of and potential effects to State listed endangered and threatened species. If you have any questions or need further assistance, please contact William Hester of this office at (804) 693-6694, ext. 134.

Sincerely,


Susan F. Lingenfelter
Acting Supervisor
Virginia Field Office

Enclosure

SMALL WHORLED POGONIA
(Isotria medeoloides)
SURVEY CONTACTS IN VIRGINIA

This list contains individuals who we have already determined are qualified to conduct surveys for the species listed above. This list does not include all individuals qualified or authorized to survey for this species. If you select someone not on this pre-approved surveyor list, please provide the proposed surveyor's qualifications to this office 30 days prior to the start of the survey. Please send copies of all survey results to this office. If the survey determines that any rare species are present, please contact this office to allow us the opportunity to work with you to ensure that a project avoids or minimizes adverse effects to rare species and their habitats. Inclusion of names on this list does not constitute endorsement by the U.S. Fish and Wildlife Service or any other U.S. Government agency. Names are listed alphabetically. The Service recommends surveys within appropriate habitat be conducted from June 1 through July 20 in Caroline County and counties to the north **OR** from May 25 through July 15 in counties south of Caroline County. Outside of these months, a site visit by a qualified individual can determine if appropriate habitat exists at the project site.

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COMMONWEALTH of VIRGINIA

L. Preston Bryant, Jr.
Secretary of Natural Resources

Department of Historic Resources
2801 Kensington Avenue, Richmond, Virginia 23221

Kathleen S. Kilpatrick
Director

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TDD: (804) 367-2386
www.dhr.virginia.gov

January 9, 2008

Ms. Elizabeth Harper
Dominion Virginia Power
P.O. Box 26532
Richmond, VA 23261

Re: **Bristers-Gainesville 230kV Transmission Line**
Fauquier and Prince William Counties, Virginia
DHR File No. 2006-0044; SCC Case No. PUE-2006-00048; DEQ Project # 06-108S

Dear Ms. Harper:

We have received the report entitled *Archaeological Evaluation of Site 44PW1753, Bristers-Gainesville 230kV Transmission Line, Prince William County, Virginia* prepared by The Louis Berger Group, Inc. We are pleased to inform you that the level of effort and reporting meets the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation* (48 FR 44716) and our Department's *Survey Guidelines* (revised 2003). The report documents the archaeological evaluation of site 44PW1753. On January 8, 2008, the archaeological subcommittee of our National Register Eligibility Evaluation Team met to consider the eligibility of this site. The committee concurs with the consultant's recommendation that site **44PW1753** is *not eligible* for listing in the National Register of Historic Place. No further work at this site is warranted.

We have also received a copy of the visual assessment for Pilgrim's Rest (076-0019) that previously was reviewed by our office as part of the TrAIL Project (DHR File No. 2006-1202). It is our opinion that the previous assessment of effect on Pilgrim's Rest is valid for the Bristers-Gainesville line. Consistent with our August 24, 2007 comments to the VDEQ concerning the TrAIL project, we find that the visual effects to Pilgrim's Rest will be moderate to severe. As suggested in our earlier correspondence, a reduction in tower height and retention and creation of vegetative screening may minimize these effects.

If you have any questions, please contact me at (804) 367-2323 x153 or at roger.kirchen@dhr.virginia.gov.

Sincerely,

Roger W. Kirchen, Archaeologist
Office of Review and Compliance

Cc: **Mr. John E. Fisher, DEQ Office of Environmental Impact Review**
Mr. Eric Voigt, The Louis Berger Group, Inc.

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November 12, 2008

Mr. John Bailey
Dominion Virginia Power
701 East Cary Street - 12th Floor
Richmond, Virginia 23219

Re: *Cultural Resource Survey of the Proposed Bristers-Loudoun 500kV Transmission Line, Fauquier, Loudoun, and Prince William Counties, Virginia*
DHR File No. 2006-1202; SCC No. PUE 2007-00031; DEQ No. 07-100S

Dear Mr. Bailey:

We have received directly from The Louis Berger Group, Inc. the report referenced above. This study was conducted in support of the ongoing Dominion Virginia Power case before the State Corporation Commission for a certificate to construct a 500 kV transmission line from Line #580 to Loudoun Substation. We retain the right to provide additional comment pursuant to Section 106 of the National Historic Preservation Act, if applicable. It is our opinion that this study conforms to the standards set forth in Section II of DHR's *Guidelines for Assessing Impacts of Proposed Electric Transmission Lines and Associated Facilities on Historic Resources in the Commonwealth of Virginia* (January 2008).

As described, the Bristers-to-Loudoun (BTL) transmission line is the eastern portion of the larger proposed Meadowbrook-to-Loudoun (MTL) transmission line. Dominion's portion of the MTL project begins at the county line between Warren and Fauquier counties and runs southeast either parallel to existing lines or along existing rights-of-way passing through Fauquier, Rappahannock, and Culpeper counties to the Remington Substation. The MTL line from the Remington Substation will be constructed as a rebuild of a lower voltage line running east-northeast through Fauquier County to Bristersburg. The proposed line will then run north-northeast along the existing Bristers-to-Gainesville (BTG) transmission line. At this time, Dominion is proposing to build this segment as a double circuit line that will carry both the BTG and MTL lines. The proposed route continues completely within exiting right-of-way from Gainesville to the Loudoun substation.

The report includes the result of architectural and archaeological survey of the Gainesville-to-Loudoun portion of the BTL line and archaeological survey of new tower locations for the entire BTL line. As the BTG portion of the land had already been surveyed in consultation with DHR (Duplantis et al. 2007) and viewshed analyses and photo simulations of all eligible and listed historic properties on the BTG portion of the line including Manassas National Battlefield Park have been conducted (Burns and McDonnell 2007), the current architectural survey was limited to the Gainesville-to-Loudoun portion of the corridor.

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Forty-five (45) previously-recorded architectural resources are located within the 0.5-mile study area of the Gainesville-to-Loudoun segment of the BTL transmission line. Twenty-nine (29) of these 45 architectural resources were previously determined by DHR to be not eligible for inclusion in the National Register of Historic Places. Four (4) previously-recorded architectural resources (076-0179, 076-0271, 076-0138, and 076-0441) have been determined eligible for or are listed in the National Register. Two (2) previously-identified architectural resources (076-0147 and 076-0257) have been demolished. The remaining ten previously-recorded architectural resources (076-0145, 076-0183, 076-0187, 076-0188, 076-0271-0027, 076-0271-0030, 076-0271-0033, 076-0271-0035, 076-0362, and 076-0391) are recommended by the consultant as *not eligible* for listing in the National Register and we concur.

The architectural survey of the Gainesville-to-Loudoun segment also identified 17 previously unrecorded architectural resources. The consultant recommends the following 17 resources as *not eligible* for the National Register and we concur: 076-5317, 076-5318, 076-5319, 076-5320, 076-5321, 076-5322, 076-5323, 076-5324, 076-5325, 076-5326, 076-5327, 076-5328, 076-5329, 076-5330, 076-5331, 076-5332, and 076-5333.

The archaeological survey of the new tower locations for the BTL line identified two isolated artifact locations which are, by definition, not eligible for the National Register. Five previously-recorded archaeological resources in the proposed right-of-way were not relocated and are thought to be outside the areas of impact. The section of line within the Manassas National Battlefield Park was not part of the current archaeological study, but will be surveyed at a later date. With this exception, no further study is warranted at this time. As project components such as access roads and staging areas are developed, we recommend additional archaeological survey of these areas to ensure full consideration of this project's impacts.

Consistent with our August 24, 2007 comments on the 2007 Burns and McDonnell viewshed analysis, it is our opinion that this project will have a moderated visual impact on Putnam-Patton House (DHR ID #076-0179). Dominion should consult with the property owner to minimize this impact and submit to DHR a plan to address this effect. Also, please provide to DHR an update on Dominion's consultation with the NPS regarding impacts to Manassas National Battlefield Park.

As always, we appreciate Dominion's cooperation throughout this review process. If you have any questions concerning these comments, please do not hesitate to contact me at roger.kirchen@dhr.virginia.gov.

Sincerely,



Roger W. Kirchen, Archaeologist
Office of Review and Compliance

Cc: Ms. Ellie Irons, DEQ Office of Environmental Impact Review
Mr. Eric Voigt, The Louis Berger Group, Inc.



COMMONWEALTH of VIRGINIA

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November 12, 2008

Mr. John Bailey
Dominion Virginia Power
701 East Cary Street - 12th Floor
Richmond, Virginia 23219

Re: *Supplemental Archaeological Survey of the Proposed Bristers-Loudoun 500kV Transmission Line, Manassas National Battlefield Park, Prince William County, Virginia*
DHR File No. 2006-1202; SCC No. PUE 2007-00031; DEQ No. 07-100S

Dear Mr. Bailey:

We have received directly from The Louis Berger Group, Inc. the report referenced above. This study was conducted in close consultation with the National Park Service and the Manassas National Battlefield Park and supplements the survey reported in *Cultural Resource Survey of the Proposed Bristers-Loudoun 500kV Transmission Line, Fauquier, Loudoun, and Prince William Counties, Virginia* (Berger 2008). The comments in this letter append to our earlier comments of November 12, 2008. We retain the right to provide additional comment pursuant to Section 106 of the National Historic Preservation Act, if applicable.

The study within Manassas National Battlefield Park did not identify archaeological resources associated with the Battle of Second Manassas or other historic property. As such, we concur that no further archaeological investigation in support of the Bristers-Loudoun 500kV Transmission Line is warranted at this time. As project components such as access roads and staging areas are developed or if changes are made to the alignment of the project, we recommend additional archaeological survey of these areas to ensure full consideration of this project's impacts. As always, we appreciate Dominion's cooperation throughout this review process. If you have any questions concerning these comments, please do not hesitate to contact me at roger.kirchen@dhr.virginia.gov.

Sincerely,

Roger W. Kirchen, Archaeologist
Office of Review and Compliance

Cc: Ms. Ellie Irons, DEQ Office of Environmental Impact Review
Mr. Eric Voigt, The Louis Berger Group, Inc.

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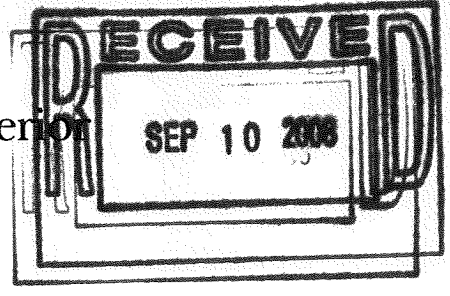
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XE - 4226 Rev
APCA



United States Department of the Interior



NATIONAL PARK SERVICE
National Capital Region
1100 Ohio Drive, S.W.
Washington, D.C. 20242

IN REPLY REFER TO:

SEP 04 2008

H30 (NCR-LRP)

Mr. Eric Voigt
The Louis Berger Group, Inc.
801 East Main Street, Suite 500
Richmond, Virginia 23219

Dear Mr. Voigt:

Enclosed is an Archeological Resources Protection Act (ARPA) permit to perform Phase I archeological investigations on National Park Service (NPS) lands administered by the Manassas National Battlefield Park. Your permit number is 08-MANA-004, effective September 8, 2008 through March 6, 2009.

The person in direct charge of the field work should have a copy of the permit with them at all times and should be prepared to produce the permit if requested by NPS personnel or the U.S. Park Police. Please note and comply with all stipulations attached to the permit. Failure to comply with any of the stipulations will result in the revocation of your permit.

Upon review and approval of the final report documenting the archeological investigations, please complete a report documentation form (see item 15.t. under standard permit conditions for the on-line address) and transmit it with six copies of the final report to Dr. Stephen Potter, Regional Archeologist, National Capital Region, National Park Service, 1100 Ohio Drive, S.W., Washington, D.C. 20242.

You may contact Dr. Potter at the above address or by telephone at (202) 619-7280, if you have any questions concerning your permit.

Sincerely,

Lisa A Mendelson-Telmini

Regional Director, National Capital Region

Enclosure



Please use this number
when referring to this permit

No.: 08-MANA-004

DI Form 1991 (Rev Sept 2004)
OMB No. 1024-0037
Exp. Date (11/30/2007)

United States Department of the Interior
PERMIT FOR ARCHEOLOGICAL INVESTIGATIONS

To conduct archeological work on Department of the Interior lands and Indian lands under the authority of:

- The Archaeological Resources Protection Act of 1979 (16 U.S.C. 470aa-mm) and its regulations (43 CFR 7).
- The Antiquities Act of 1906 (P.L. 59-209; 34 Stat. 225, 16 U.S.C. 431-433) and its regulations (43 CFR 3).
- Supplemental regulations (25 CFR 262) pertaining to Indian lands.
- Bureau-specific statutory and/or regulatory authority: _____

1. Permit issued to The Louis Berger Group, Inc.		2. Under application dated July 31, 2008	
3. Address 801 East Main Street, Suite 500 Richmond, VA 23219		4. Telephone number(s) 804-228-4320	
		5. E-mail address(es)	
6. Name of Permit Administrator Dr. Kay Simpson Telephone number(s): 804-228-4321 Email address(es): ksimpson@louisberger.com		7. Name of Principal Investigator(s) Mr. Eric Voigt Telephone number(s): 804-228-4317 Email address(es): evoigt@louisberger.com	
8. Name of Field Director(s) authorized to carry out field projects Mr. Brad Duplantis		Telephone number(s): 804-228-4305 Email address(es): bduplantis@louisberger.com	
9. Activity authorized Phase I archeological survey and testing			
10. On lands described as follows within the existing Dominion Virginia Power right-of-way at Manassas National Battlefield Park.			
11. During the duration of the project From Sept. 8, 2008 To March 6, 2009			
12. Name and address of the curatorial facility in which collections, records, data, photographs, and other documents resulting from work under this permit shall be deposited for permanent preservation on behalf of the United States Government. The collection resulting from this investigation is the property of the NPS, to be curated by the NPS at the NPS, NCR Museum Resource Center in Landover, MD.			
13. Permittee is required to observe the listed standard permit conditions and the special permit conditions attached to this permit.			
14. Signature and title of approving official <i>Lisa A Mendelson-Telmini</i>			15. Date <i>9/4/08</i>

15. Standard Permit Conditions

- a. This permit is subject to all applicable provisions of 43 CFR Part 3, 43 CFR 7, and 25 CFR 262, and applicable departmental and bureau policies and procedures, which are made a part hereof.
- b. The permittee and this permit are subject to all other Federal, State, and local laws and regulations applicable to the public lands and resources.
- c. This permit shall not be exclusive in character, and shall not affect the ability of the land managing bureau to use, lease or permit the use of lands subject to this permit for any purpose.
- d. This permit may not be assigned.
- e. This permit may be suspended or terminated for breach of any condition or for management purposes at the discretion of the approving official, upon written notice.
- f. This permit is issued for the term specified in 11 above.
- g. Permits issued for a duration of more than one year must be reviewed annually by the agency official and the permittee.
- h. The permittee shall obtain all other required permit(s) to conduct the specified project.
- i. Archeological project design, literature review, development of the regional historic context framework, site evaluation, and recommendations for subsequent investigations must be developed with direct involvement of an archeologist who meets the Secretary of the Interior's Standards for Archeology and Historic Preservation; fieldwork must be generally overseen by an individual who meets the Secretary of the Interior's Standards for Archeology and Historic Preservation.
- j. Permittee shall immediately request that the approving official (14. above) make a modification to accommodate any change in an essential condition of the permit, including individuals named and the nature, location, purpose, and time of authorized work, and shall without delay notify the approving official of any other changes affecting the permit or regarding information submitted as part of the application for the permit. Failure to do so may result in permit suspension or revocation.
- k. Permittee may request permit extension, in writing, at any time prior to expiration of the term of the permit, specifying a limited, definite amount of time required to complete permitted work.
- l. Any correspondence about this permit or work conducted under its authority must cite the permit number. Any publication of results of work conducted under the authority of this permit must cite the approving bureau and the permit number.
- m. Permittee shall submit a copy of any published journal article and any published or unpublished report, paper, and manuscript resulting from the permitted work (apart from those required in items q. and s., below), to the approving official and the appropriate official of the approved curatorial facility (item 12 above).
- n. Prior to beginning any fieldwork under the authority of this permit, the permittee, following the affected bureau's policies and procedures, shall contact the field office manager responsible for administering the lands involved to obtain further instructions.
- o. Permittee may request a review, in writing to the official concerned, of any disputed decision regarding inclusion of specific terms and conditions or the modification, suspension, or revocation of this permit, setting out reasons for believing that the decision should be reconsidered.
- p. Permittee shall not be released from requirements of this permit until all outstanding obligations have been satisfied, whether or not the term of the permit has expired. Permittee may be subject to civil penalties for violation of any term or condition of this permit.

15. Standard Permit Conditions (continued)

- q. Permittee shall submit a preliminary report to the approving official within a timeframe established by the approving official, which shall be no later than 6 weeks after the completion of any episode of fieldwork, setting out what was done, how it was done, by whom, specifically where, and with what results, including maps, GPS data, an approved site form for each newly recorded archeological site, and the permittee's professional recommendations, as results require. If other than 6 weeks, the timeframe shall be specified in Special Permit Condition p. Depending on the scope, duration, and nature of the work, the approving official may require progress reports, during or after the fieldwork period or both, and as specified in Special Permit Condition r.
- r. Permittee shall submit a clean, edited draft final report to the agency official for review to insure conformance with standards, guidelines, regulations, and all stipulations of the permit. The schedule for submitting the draft shall be determined by the agency official.
- s. Permittee shall submit a final report to the approving official not later than 180 days after completion of fieldwork. Where a fieldwork episode involved only minor work and/or minor findings, a final report may be submitted in place of the preliminary report. If the size or nature of fieldwork merits, the approving official may authorize a longer timeframe for the submission of the final report as specified in Special Permit Condition q.
- t. One copy of the draft report and one copy of the final report shall be sent directly to the Superintendent of Manassas National Battlefield Park. Six copies of the completed final report, a completed NTIS Report Documentation Page (SF-298), available at <http://www.ntis.gov/pdf/rdpform.pdf>, and a completed NADB-Reports Citation Form, available at http://www.cr.nps.gov/aad/tools/nadbform_update.doc, will be submitted to the Regional Archeologist, NPS, NCR.
- u. The permittee agrees to keep the specific location of sensitive resources confidential. Sensitive resources include threatened species, endangered species, and rare species, archeological sites, caves, fossil sites, minerals, commercially valuable resources, and sacred ceremonial sites.
- v. Permittee shall deposit all artifacts, samples and collections, as applicable, and original or clear copies of all records, data, photographs, and other documents, resulting from work conducted under this permit, with the curatorial facility named in item 12, above, not later than 90 days after the date the final report is submitted to the approving official. Not later than 180 days after the final report is submitted, permittee shall provide the approving official with a catalog and evaluation of all materials deposited with the curatorial facility, including the facility's accession and/or catalog numbers.
- w. Permittee shall provide the approving official with a confirmation that museum collections described in v. above were deposited with the approved curatorial facility, signed by an authorized curatorial facility official, stating the date materials were deposited, and the type, number and condition of the collected museum objects deposited at the facility.
- x. Permittee shall not publish, without the approving official's prior permission, any locational or other identifying archeological site information that could compromise the Government's protection and management of archeological sites.
- y. For excavations, permittee shall consult the OSHA excavation standards which are contained in 29 CFR §1926.650, §1926.651 and §1926.652. For questions regarding these standards contact the local area OSHA office, OSHA at 1-800-321-OSHA, or the OSHA website at <http://www.osha.gov>.
- z. Special permit conditions attached to this permit are made a part hereof. **See attached Special Stipulations.**

ARPA Permit - Special Stipulations (cont.)
National Park Service, National Capital Region

1. All archeological remains recovered during the course of the archeological investigations done under the terms of this permit shall be processed and cataloged in accordance with the revised National Park Service (NPS) Museum Handbook on Accessioning and Cataloging Museum Objects. All artifacts will be cataloged using the NPS Automated National Catalog System Plus (ANCS+). Copies of the NPS ANCS+ worksheets and appropriate software will be provided by Ms. Marian Creveling, the Archeological Laboratory Director of the Regional Archeology Program (RAP) or her designee [cell phone (202) 345-7848]. Furthermore, diagnostic archeological remains will be properly conserved and all artifacts placed in archivally stable containers (interlocking seal-and-closure polyethylene bags, and acid-free boxes).
2. All artifacts, and archivally stable **copies** of field notes, data recording forms, maps, drawings, photographs, slides, and any other form of documentation resulting from the archeological investigations done under the terms of this permit are the property of the NPS, National Capital Region (NCR).
3. All archeological work will be coordinated through Dr. Stephen R. Potter, Regional Archeologist, NCR, (202) 619-7280.
4. The areas of archeological monitoring and/or units selected for archeological survey/excavation (transects, squares, etc.) will be mapped and redefinable in nature so that subsequent workers can accurately determine the areas that were monitored, surveyed, and/or excavated.
5. At least 3 days prior to beginning and ending the fieldwork, please notify Mr. Ray Brown of Manassas National Battlefield Park at (703) 754-1729.
6. Should any human remains be encountered, excavations will stop and both the Park Superintendent and the Regional Archeologist will be notified immediately. The Park Superintendent, in consultation with the Regional Archeologist, NCR, shall determine the appropriate course of action, following the Department of the Interior's guidelines on human remains.
7. One set of completed Archeological Sites Management Information System (ASMIS) forms and one set of completed Virginia state archeological site survey forms for all sites located on NPS lands shall be sent to the Regional Archeologist, NCR, with the transmittal of the approved, final report. Coordinate the reporting of archeological sites with Senior Staff Archeologist Robert Sonderman at cell phone (202) 345-7849.
8. All work and excavations will be limited to the areas specified in the ARPA permit application. Excavations will be performed by hand using non-motorized equipment and tools.
9. All excavations will be open for only the minimum required time. Thereafter, as soon as possible they will be backfilled, compacted, and stabilized to prevent erosion.

10. Care will be taken to avoid unnecessary damage to vegetation including relocating shovel test pits where trees and saplings will be affected. Collecting or removal of all other resources including vegetation, wildlife, and water is not authorized. Soil samples can be collected from excavation profiles if they are needed for analysis.

11. All waste, litter, and debris will be removed from the worksite daily so that the park and work area are maintained in a clean and presentable condition at all times.

12. All work will be performed in a safe and responsible manner to avoid hazards, accidents, and deaths to workers, government employees, and park visitors. Reasonable safety measures will be taken where risks or potential hazards are evident.

13. If unsafe conditions or unexpected damages to park resources are evident, the NPS reserves the right to halt all project work until appropriate corrective measures can be taken.

14. Upon completion of the project, all work areas will be restored to original conditions as nearly as possible. Restoration may include pruning, repairing, or replacing damaged vegetation or turf, grading, seeding, and mulching soils.

15. The NPS is neither responsible nor liable for the security to equipment owned and operated by the Louis Berger Group, Inc. Any incident involving theft or damage to property owned and/or operated by The Louis Berger Group, Inc. should be reported immediately to the Law Enforcement Rangers at (703) 754-8694.



3945

COMMONWEALTH of VIRGINIA

Department of Historic Resources

2801 Kensington Avenue, Richmond, Virginia 23221

L. Preston Bryant, Jr.
Secretary of Natural Resources

Kathleen S. Kilpatrick
Director

Tel: (804) 367-2323
Fax: (804) 367-2391
TDD: (804) 367-2386
www.dhr.virginia.gov

October 2, 2007

Ms. Elizabeth Harper
Dominion Virginia Power
P.O. Box 26532
Richmond, VA 23261

Re: *Cultural Resources Survey of the Proposed Bristers-Gainesville 230kV Transmission Line, Fauquier and Prince William Counties, Virginia*
DHR File No. 2006-0044; SCC Case No. PUE-2006-00048; DEQ Project # 06-108S

Dear Ms. Harper:

We have received the above-referenced report prepared by The Louis Berger Group, Inc. We are pleased to inform you that the level of effort and reporting meets the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation* (48 FR 44716) and our Department's *Survey Guidelines* (revised 2003). The survey identified 27 historic architectural resources and 21 archaeological sites within the project's Area of Potential Effect (APE).

Of the 27 architectural resources recorded within the APE, seven have been demolished and five have previously been determined not eligible for listing on the National Register of Historic Places. The National Register eligibility of the remaining 15 resources has been evaluated and our comments follow. Based on submitted information documenting their current condition and alterations to historic fabric, we concur with the consultant's recommendation that the following architectural properties are **not eligible** for listing on the National Register:

030-0584	030-5368	076-0526	030-5367
030-0761	076-0213	076-0653	076-5149
030-0905	076-0524	076-5090	
030-5366	076-0525	076-5157	

With respect to Pilgrim's Rest (076-0019), which is listed on the National Register, we request that documentation illustrating the visual effects of the proposed transmission line be submitted for our review. This documentation could be either the results of a balloon test, or a set of photosimulations that demonstrate the visual impacts as viewed from the residence and entry drive.

The archaeological study revisited 20 previously recorded sites and identified one new site (44PW1753). We find that the following six sites, which have previously been found **not eligible** for the National Register, warrant **no further work** as a consequence of this project:

Administrative Services
10 Courthouse Avenue
Petersburg, VA 23803
Tel: (804) 863-1624
Fax: (804) 862-6196

Capital Region Office
2801 Kensington Ave.
Richmond, VA 23221
Tel: (804) 367-2323
Fax: (804) 367-2391

Tidewater Region Office
14415 Old Courthouse Way, 2nd Floor
Newport News, VA 23608
Tel: (757) 886-2807
Fax: (757) 886-2808

Roanoke Region Office
1030 Penmar Ave., SE
Roanoke, VA 24013
Tel: (540) 857-7585
Fax: (540) 857-7588

Northern Region Office
5357 Main Street
PO Box 519
Stephens City, VA 22655
Tel: (540) 868-7031
Fax: (540) 868-7033

44PW0233	44PW0549	44PW0570
44PW0548	44PW0552	44PW0577

We find that the following site, which has previously been found **potentially eligible** for the National Register, does not contain significant deposits within the APE and warrants *no further work* as a consequence of this project:

44FQ0112

We find that the following eight sites, which have not been evaluated for their National Register eligibility, should be considered **potentially eligible** for the National Register, but do not exist with the APE and warrant *no further work* as a consequence of this project:

44FQ0110	44PW0547	44PW0551	44PW0573
44FQ0111	44PW0550	44PW0553	44PW0586

We find that the following three sites, which have previously been found **eligible** for the National Register, do not contain significant deposits within the APE and warrant *no further work* as a consequence of this project:

44FQ0107	44FQ0113	44PW0592
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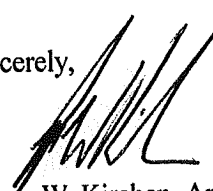
We find that the following two sites, which have previously been found **eligible** for the National Register, may contain significant deposits within the APE and require *further consultation* regarding the potential impacts of this project:

44PW0546	44PW0554
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Finally, we find that the newly-recorded site, 44PW1753, is **potentially eligible** for listing on the National Register and recommend Phase II evaluation to determine eligibility.

When available, please provide the requested analysis of visual impact to Pilgrim's Rest, the assessment of effect for sites 44PW0546 and 0554, and the results of the Phase II evaluation of site 44PW1753. Thank you for your cooperation throughout this review process. If you have any questions concerning these comments, please do not hesitate to contact me at (804) 367-2323 x153 or at roger.kirchen@dhr.virginia.gov.

Sincerely,



Roger W. Kirchen, Archaeologist
Office of Review and Compliance

Cc: Mr. John E. Fisher, DEQ Office of Environmental Impact Review
Mr. Eric Voigt, The Louis Berger Group, Inc.

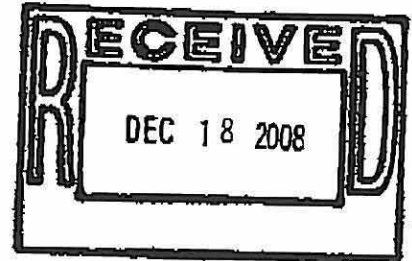


COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

David S. Ekern, P.E.
COMMISSIONER

December 9, 2008



Manassas National Battlefield Park Headquarters
Attn: Dominion Transmission Project
12521 Lee Highway
Manassas, VA 20109

Re: Replacement of Existing Electric Power Lines and Structures (23714)

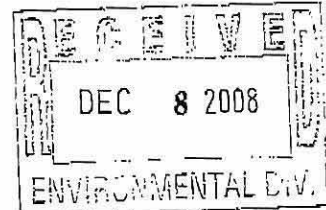
The Virginia Department of Transportation (Northern Virginia District Planning Office) has reviewed the information provided for the referenced project. Their response letter is attached.

It is recommended that NPS coordinate any work with VDOT's Northern Virginia office (703-383-2226) well in advance of construction.

Thank you for the opportunity to comment on this project.

Sincerely,

Christopher D. Adkins
Environmental Program Planner
Virginia Department of Transportation
(804) 786-5360



COMMONWEALTH of VIRGINIA

DAVID S. EKERN, P.E.
COMMISSIONER


DEPARTMENT OF TRANSPORTATION

14685 Avion Parkway
Chantilly, VA 20151
(703) 383-VDOT (8368)

December 5, 2008

MEMORANDUM

To: Melanie L. Allen, Environmental Division

From: Bob McDonald, NoVA Planning Section 

Subj: Rebuilding Power Transmission Lines, Manassas National Battlefield (Prince William County)

The letter from the National Park Service to Mr. James Cromwell regarding this proposed project indicates that an Environmental Assessment (EA) will be prepared to evaluate "potential impacts to the human and natural environment" due to rebuilding the transmission lines through the Battlefield and seeks input regarding concerns that should be addressed in the EA. The letter also states that six temporary access roads will be constructed to support this project.

My first and biggest concern is that the EA needs to address potential impacts on the local transportation network. The existing highway facilities most likely to be impacted – I-66, US 29 and VA 234 – are heavily traveled highways. Where will the six project access roads be located and how will they be signed? Will they require even temporary closure of public highways (both US 29 and VA 234 cross the Battlefield Park, and other public roads provide access to the few private residences located within Battlefield boundaries)? What will be the extent of tree or vegetative clearing operations for the transmission lines and the temporary access roads (so the need to work within the VDOT right-of-way and the impact on existing vegetative screening of highways and residences can be evaluated)? What is the project schedule? If the overall rebuilding project is not confined within the Battlefield Park boundaries, what areas of adjacent Prince William and Loudoun Counties will be included? Another concern is the maps that will be displayed in the EA – in some previous Dominion Virginia Power transmission line projects the mapping shown used U.S. Coast & Geodetic Survey quadrangle maps from 1979, which are completely out of date in view of the significant development that has taken place in the vicinity of the Battlefield over the past three decades.

Without the information mentioned above, it is impossible to determine whether the proposed project will impact existing or planned transportation projects. Widening of I-66 between VA 234 and the US 29 interchange in Gainesville is underway. Improvements are planned to US 29 in the vicinity of the Conway Robinson Memorial State Forest adjacent to the Battlefield Park. The route selected for the proposed Tri-County Parkway lies west of the Battlefield Park but without more information on the

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off-Park limits of the project we can not determine whether that project might be impacted. Similarly, impacts to the planned VA 234 Bypass North, listed as a proposed thoroughfare road in the Prince William County Comprehensive Plan and proposed in the vicinity of the western boundary of the Battlefield Park, can not be determined without more detailed information.

In summary, we have concerns that can only be addressed with information in the planned EA that addresses potential impacts to the transportation network. And without more detailed information about the proposed transmission line rebuilding it is not possible to identify whether existing or proposed transportation facilities will be impacted.

Thank you for alerting us to this proposed project.

cc: Ms. Cuervo
Ms. Sinner

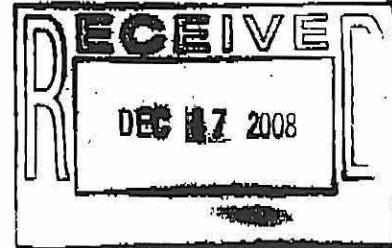


Northern Virginia Regional Commission

December 15, 2008

Manassas National Battlefield Park Headquarters
12521 Lec Highway
Manassas, VA 20109

Re: Dominion Transmission Project



Chairman
Hon. Gerald E. Connolly
Vice-Chairman
Hon. Harry J. "Hal" Parrish, II
Treasurer
Hon. Martin E. Nohe
Executive Director
G. Mark Gibb

County of Arlington
Hon. Barbara A. Favola
Hon. J. Walter Tejada

County of Fairfax
Hon. Sharon Bulova
Hon. Gerald E. Connolly
Hon. John Foust
Hon. Penelope A. Gross
Hon. Pat Herrity
Hon. Catherine M. Hudgins
Hon. Linda Smyth

County of Loudoun
Hon. Lori Waters
Hon. Scott K. York

County of Prince William
Hon. Michael C. May
Hon. Martin E. Nohe
Hon. Frank J. Principi

City of Alexandria
Hon. Redella S. Pepper
Hon. Paul C. Smedberg

City of Fairfax
Hon. Joan Cross

City of Falls Church
Hon. Harold Lippman

City of Manassas
Hon. Harry J. "Hal" Parrish, II

City of Manassas Park
Hon. William J. Trauting, Jr.

Town of Dumfries
Hon. Fred E. Yohey, Jr.

Town of Herndon
Hon. Steve DeBenedittis

Town of Leesburg
Hon. Kristen C. Umstadt

Town of Purcellville
Hon. Robert W. Lazaro, Jr.

Town of Vienna
Hon. M. Jane Seeman

(as of February 20, 2008)

To whom it may concern:

The Northern Virginia Regional Commission staff has reviewed the project described above and has the following comments.

We would, however, like to reiterate that development will be occurring within the borders of the Occoquan Reservoir Watershed. The Occoquan Reservoir Watershed serves as the drinking water source for over 1.2 million people in the Northern Virginia area, and is an integral component of the Potomac River and Chesapeake Bay drainage basins. Special attention should be given towards erosion and sedimentation controls during construction. For post-construction stormwater quality management, the developing entity must adhere to the *post-development* water quality requirements set forth by the Virginia Stormwater Management Regulations (VR 215-02-00 Part IV and §2.3).

Meeting the Virginia Stormwater Management Regulations should comply with the requirement that state agencies meet the local ordinances pursuant to the Virginia Chesapeake Bay Act. Please be advised that the Prince William County has enacted a jurisdiction-wide Chesapeake Bay Resource Management (RMA) designation. This RMA designation requires that all development result in a no-net-increase standard for phosphorus loadings, based on the jurisdiction's average imperviousness. Please refer to the Northern Virginia BMP Handbook for calculations procedures. A copy of the Handbook is available on NVRC's website at <http://www.novaregion.org/bmp>.

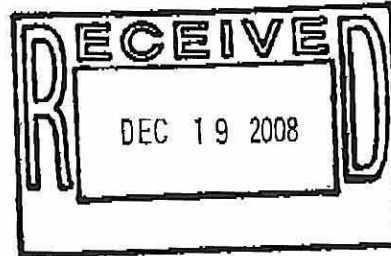
We would also suggest that, where possible, opportunities for retrofit of existing stormwater quantity facilities to stormwater quality facilities through new construction activities should be explored. NVRC's *Maintaining Stormwater Systems*, is available, without charge, should you need it; please call me if you would like to receive a copy to use as a reference. A copy of this letter should be included with your submission to indicate that preliminary review by this agency has been completed. Your cooperation with this intergovernmental review process is appreciated.

Sincerely,

Marshall Popkin
Environmental Planner

December 17, 2008

Manassas National Battlefield Park Headquarters
Attn: Dominion Transmission Project
12521 Lee Highway
Manassas, VA 20109



Gentlemen:

Dominion Power Corporation has been aware of the fact that there would be a need for updating the electric power grid in the Loudoun County /Prince William County/ Fauquier County, Etc., areas for over ten years. Unfortunately they took no action before the new communities were constructed..

Recently, they proposed the new transmission lines be put through Loudoun County, south along the western boundary of the Dominion Valley Golf & Country Club. The contractors, home owners, etc., were able to halt this action.

Now the proposal is to build the line through an existing easement from Loudoun County south through Prince William County. This easement is located on the western border of the very beautiful Manassas National Battlefield Park.

The existing power line supports should be removed and the new more powerful, even taller power towers should not be built. These lines can and should be buried. This is a NATIONAL PARK and these power towers are a disgrace to the nation and to the memory of our fallen military.

Lines have been buried in Arlington County and one in Ashburn, VA is now on the agenda.

Dominion is clearly aware of the negative impact of the transmission lines upon the adjoining areas, as shown by the following statements posted on the web site below:

"<http://www.dom.com/about/elec-transmission/powerline/bristlers/faqs.jsp#q8>

8.6 miles of the northern portion of the right-of-way has been cleared the full 240 feet width and will require no further clearing.

7.3 miles of the southern portion has been cleared to a width of 150 feet for the existing 500 kV Line. We will need to clear the remaining 90 feet of width. In rural areas, trees will be placed in piles along the edge of the right-of-way. Adjacent to homes, trees will be removed. If a property owner is interested in the logs for firewood, we will be happy to stack that wood to the side. If a property owner lives on the eastern side of the wooded right-of-way and we are removing all the buffer between their home and the new line, we will work with that property owner to install low growing vegetation outside of our right-of-way to provide a visual screen between that home and the proposed line."

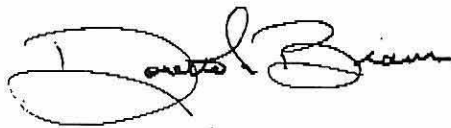
While it is thoughtful for Dominion Power to consider the camouflage of the lower portion of these towers, everyone will have the monstrous, ugly, dinosaur- looking towers looming over their home, and the Battlefield. Great stacks of firewood and lines of super tall steel towers are a poor substitute for the green trees and quiet atmosphere.. Absolutely absurd! This is 2008!!

Have the Dominion executives, shareholders, personnel shown any interest in living near to these lines, buying homes, or property as speculation of a great rise in the property values?

After over 50 years, the United States will FINALLY soon be free of those horrible TV antennae on the roof tops and chimneys! Even those wooden telephone poles are gradually disappearing all over the country.

Perhaps halting this particular project of building humongous towers of power lines will bring this practice to a halt as well. We can only pray that this is so.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Braun". The signature is stylized with large, sweeping loops and a cursive style.

D. Braun
13665 Paddock Ct.
Gainesville, VA 20155

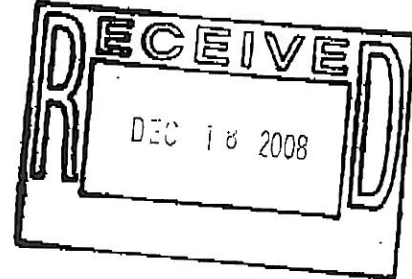


COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

David S. Ekern, P.E.
COMMISSIONER

December 9, 2008



Manassas National Battlefield Park Headquarters
Attn: Dominion Transmission Project
12521 Lee Highway
Manassas, VA 20109

Re: Replacement of Existing Electric Power Lines and Structures (23714)

The Virginia Department of Transportation (Northern Virginia District Planning Office) has reviewed the information provided for the referenced project. Their response letter is attached.

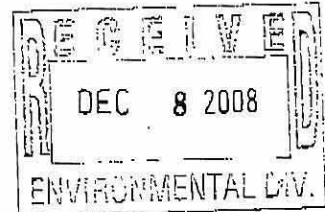
It is recommended that NPS coordinate any work with VDOT's Northern Virginia office (703-383-2226) well in advance of construction.

Thank you for the opportunity to comment on this project.

Sincerely,

Christopher D. Adkins
Environmental Program Planner
Virginia Department of Transportation
(804) 786-5360

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DAVID S. EKERN, P.E.
COMMISSIONER

DEPARTMENT OF TRANSPORTATION
14685 Avion Parkway
Chantilly, VA 20151
(703) 383-VDOT (8368)

December 5, 2008

MEMORANDUM

To: Melanie L. Allen, Environmental Division

From: Bob McDonald, NoVA Planning Section *Bob McDonald*

Subj: Rebuilding Power Transmission Lines, Manassas National Battlefield (Prince William County)

The letter from the National Park Service to Mr. James Cromwell regarding this proposed project indicates that an Environmental Assessment (EA) will be prepared to evaluate "potential impacts to the human and natural environment" due to rebuilding the transmission lines through the Battlefield and seeks input regarding concerns that should be addressed in the EA. The letter also states that six temporary access roads will be constructed to support this project.

My first and biggest concern is that the EA needs to address potential impacts on the local transportation network. The existing highway facilities most likely to be impacted – I-66, US 29 and VA 234 – are heavily traveled highways. Where will the six project access roads be located and how will they be signed? Will they require even temporary closure of public highways (both US 29 and VA 234 cross the Battlefield Park, and other public roads provide access to the few private residences located within Battlefield boundaries)? What will be the extent of tree or vegetative clearing operations for the transmission lines and the temporary access roads (so the need to work within the VDOT right-of-way and the impact on existing vegetative screening of highways and residences can be evaluated)? What is the project schedule? If the overall rebuilding project is not confined within the Battlefield Park boundaries, what areas of adjacent Prince William and Loudoun Counties will be included? Another concern is the maps that will be displayed in the EA – in some previous Dominion Virginia Power transmission line projects the mapping shown used U.S. Coast & Geodetic Survey quadrangle maps from 1979, which are completely out of date in view of the significant development that has taken place in the vicinity of the Battlefield over the past three decades.

Without the information mentioned above, it is impossible to determine whether the proposed project will impact existing or planned transportation projects. Widening of I-66 between VA 234 and the US 29 interchange in Gainesville is underway. Improvements are planned to US 29 in the vicinity of the Conway Robinson Memorial State Forest adjacent to the Battlefield Park. The route selected for the proposed Tri-County Parkway lies west of the Battlefield Park but without more information on the

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off-Park limits of the project we can not determine whether that project might be impacted. Similarly, impacts to the planned VA 234 Bypass North, listed as a proposed thoroughfare road in the Prince William County Comprehensive Plan and proposed in the vicinity of the western boundary of the Battlefield Park, can not be determined without more detailed information.

In summary, we have concerns that can only be addressed with information in the planned EA that addresses potential impacts to the transportation network. And without more detailed information about the proposed transmission line rebuilding it is not possible to identify whether existing or proposed transportation facilities will be impacted.

Thank you for alerting us to this proposed project.

cc: Ms. Cuervo
Ms. Sinner

CIVIL WAR PRESERVATION TRUST

Saving America's Civil War Battlefields

Theodore Sedgwick
Chairman

James Lighthizer
President

January 2, 2009

Superintendent Edward Clark
Manassas National Battlefield Park Headquarters
Attn: Dominion Transmission Project
12521 Lee Highway
Manassas, VA 20109

Dear Superintendent Clark:

I am writing on behalf of the Civil War Preservation Trust (CWPT), a 60,000-member national nonprofit battlefield preservation organization. Our mission is to protect our nation's endangered Civil War sites and promote appreciation of these hallowed grounds through education and heritage tourism. CWPT has protected more than 25,000 acres of battlefield land in the United States, including nearly 136 acres associated with the Second Battle of Manassas.

Please accept this letter as our formal comments on Dominion Virginia Power's proposal to reconfigure the existing transmission lines located on the western border of the Manassas National Battlefield Park.

The existing right-of-way includes one 500kV line and one double-circuit 230 kV line. Dominion Virginia Power is proposing to replace both these lines with parallel double-circuit 500/230 kV towers throughout the right-of-way. The new towers will be placed in the same approximate location as the current towers. However, this replacement will result in the height of the towers increasing by an average of 15 feet.

CWPT has two concerns with this project: (1) the additional intrusions to the battlefield's viewshed as a result of the taller, more obtrusive towers and transmission line configuration; and (2) the physical disruption to the battlefield landscape as a result of the six proposed temporary access roads for construction of the new towers.

Maintaining the landscape as it would have been during the Civil War is essential to allowing visitors the contemplative experience they desire when visiting a Civil War battlefield. This involves protecting the viewshed and minimizing or mitigating modern visual intrusions. Currently, visitors can see the tops of the existing towers poking over the trees. With an additional 15 feet in height on average, the new towers will be prominent from many of the park's public gathering areas—including Stuart's Hill and the historic Brawner House.

(more)

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Letter to Superintendent Edward Clark (continued)

Page Two

January 2, 2009

Since there are no mandated height restrictions on the towers per the easement agreement, we suggest that visual simulation studies be conducted at key locations throughout the battlefield to determine the visual impact of the new, taller towers. In addition, Dominion Virginia Power should work with the National Park Service (NPS) on possible vegetative screening to minimize the negative effects on the viewshed.

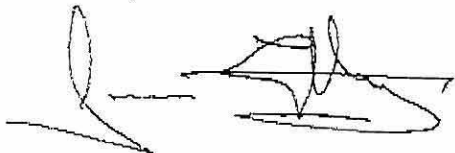
CWPT would also like to express our concern regarding the six temporary access roads needed to aid in the construction of the new towers. These roads will cause physical destruction to historically significant battlefield terrain. Although the roads are only temporary, it is still necessary to consider their adverse impacts. The Brawner Farm, on the Second Manassas battlefield, will be particularly impacted by a proposed access road on the historic site. It is important to note that the fighting at Brawner Farm was the opening engagement of this three-day battle. It was in front of the Brawner House on August 28, 1862 that two of the most famous units in the opposing armies – the Union Iron Brigade and the Confederate Stonewall Brigade – fought to a standstill on August 28, 1862.

The Brawner Farm is also an important historic and interpretative facility Second Manassas battlefield. The construction of an access road on the property should not interfere in any way with visitor access to the site. In addition, consideration must be given to adverse impacts from all the proposed access roads to the setting and feeling of the battlefield as well as increased noise levels from construction. A battlefield park is meant to offer visitors a thoughtful, deeper perspective on what happened on that land and the historical and cultural implications of the battles. All efforts should be made to minimize and mitigate any impacts that will have a negative, disruptive effect on the visitor experience.

Finally, it is worth noting that the Second Manassas battlefield was confirmed to be historically significant in the 1993 congressionally authorized report of the Civil War Sites Advisory Commission. The commission identified much of the area potentially impacted Dominion Virginia Power's reconfiguration proposal to be "core battlefield land," its highest designation for the historic significance of a battlefield landscape.

Thank you for taking the time to consider our views on the proposed reconfiguration of the transmission lines through the Manassas National Battlefield Park. If you have any questions, please contact me or Emily Egel of my staff at 202-367-1861 x211.

Sincerely,



O. James Lighthizer, President

cc: U.S. Senator James Webb
U.S. Senator Mark Warner
U.S. Congressman Frank Wolf
John Nau, III, Chairman, Advisory Council for Historic Preservation

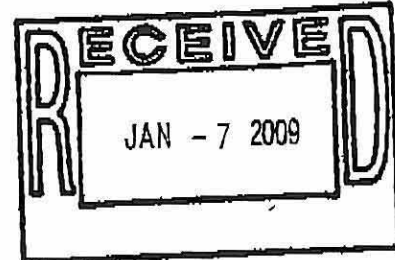


County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

December 29, 2008

Superintendent
Manassas National Battlefield Park
Dominion Transmission Project
12521 Lee Highway
Manassas, VA 20109-2005



To Whom It May Concern:

Thank you for the opportunity to comment on the potential impacts of the new transmission configuration proposed for the existing transmission lines in Manassas National Battlefield Park. At this time, we do not have enough information to comment on the potential impacts; however we look forward to having more information and commenting during the expected April 2009 public comment period.

Sincerely,

Pamela G. Nee, Chief, Environment and Development Review Branch
Department of Planning and Zoning

PGN/DMD

cc:

Board of Supervisors
Anthony H. Griffin, County Executive
Robert A. Stalzer, Deputy County Executive
James P. Zook, Director, Department of Planning and Zoning
Dawn Dhavale, Department of Planning and Zoning