



March 24, 2017

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

**Re: Atlantic Coast Pipeline, LLC & Dominion Transmission, Inc.
Atlantic Coast Pipeline & Supply Header Projects
Docket Nos. CP15-554-000, CP15-554-001, & CP15-555-000
Supplemental Information**

Dear Secretary Bose:

On September 18, 2015, Atlantic Coast Pipeline, LLC (Atlantic) and Dominion Transmission, Inc. (DTI) filed abbreviated applications (Applications), under the above referenced dockets CP15-554-000 and CP15-555-000, for the Atlantic Coast Pipeline and Supply Header Projects (Projects) pursuant to Section 7(c) of the Natural Gas Act, as amended, and Part 157 of the Rules and Regulations of the Federal Energy Regulatory Commission (Commission or FERC). Additionally, on March 14, 2016, Atlantic filed an Amendment to its pending Application, under the above referenced docket CP15-554-001.

DTI, on behalf of Atlantic and itself, hereby submits supplemental information. This submission consists of the following documents:

- Supplemental Information – March 24, 2017
- Appendix A – Marts Compressor Station Class II Administrative Update Application
- Appendix B – Marts Compressor Station Class II Administrative Update Application – Attachment E (**Contains Critical Energy Infrastructure Information – Do Not Release**)
- Appendix C – Site-Specific Designs of Representative Steep Slope Crossings on U.S. Forest Service Lands
- Appendix D – Noise Studies for Meter and Regulating Stations
- Appendix E – Revised Master Waterbody Crossing Table (**Contains Privileged Information – Do Not Release**)
- Appendix F – State Sensitive Species and Species-Specific Conservation Measures
- Appendix G – Aboveground Cultural Resources Survey Reports
- Appendix H – Archaeological Site Testing Reports (**Contains Privileged Information – Do Not Release**)
- Appendix I – Correspondence for the Atlantic Coast Pipeline
- Appendix J – Privileged Correspondence for the Atlantic Coast Pipeline (**Contains Privileged Information – Do Not Release**)
- Appendix K – Correspondence for the Supply Header Project

DTI requests that, pursuant to 18 C.F.R. § 388.112, the information filed in Appendices E, H, and J be treated as privileged and confidential, and that this information not be released to the public. This

information is labeled “Contains Privileged Information – Do Not Release” and contains the locations of sensitive species and archaeological resources, which are customarily treated as privileged and confidential.

DTI requests that, pursuant to 18 C.F.R. § 388.112, the information filed in Appendix B be treated as Critical Energy Infrastructure Information (CEII), and that this information not be released to the public. This information is labeled “Contains Critical Energy Infrastructure Information – Do Not Release” and contains information that is customarily treated as CEII.

If you have any questions, please contact me at 866-319-3382.

Respectfully submitted,

Angela M. Woolard

Angela M. Woolard
Regulatory and Certificates Analyst III

cc: Mr. Kevin Bowman, FERC
Service List

encl(s)/



ATLANTIC COAST PIPELINE, LLC
ATLANTIC COAST PIPELINE
Docket Nos. CP15-554-000 &
CP15-554-001

and



DOMINION TRANSMISSION, INC.
SUPPLY HEADER PROJECT
Docket No. CP15-555-000

Supplemental Information
March 10, 2017

Prepared by



March 10, 2017

TABLE OF CONTENTS

1.0 PROJECT DESCRIPTION AND ENGINEERING.....1
1.1 Update on the Cochran’s Cave Conservation Area 1

2.0 ENVIRONMENTAL AND CULTURAL RESOURCES.....1
2.1 Update to the Biological Evaluation 1
2.2 Update to the Management Indicator Species Report..... 4
2.3 Update to the North Carolina Aquatics Removal Plan 5
2.4 Archaeological Site Testing Report 5

3.0 AGENCY CORRESPONDENCE5

APPENDICES

Appendix A	Draft Biological Evaluation – Privileged (Contains Privileged Information – Do Not Release)
Appendix B	Draft Biological Evaluation – Public
Appendix C	Update to the Management Indicator Species Report (Contains Privileged Information – Do Not Release)
Appendix D	North Carolina Revised Fish and Other Aquatic Taxa Collection and Relocation Protocol for Instream Construction Activities
Appendix E	West Virginia Site Testing Report for the Supply Header Project (Contains Privileged Information – Do Not Release)
Appendix F	Correspondence for the Atlantic Coast Pipeline
Appendix G	Privileged Correspondence for the Atlantic Coast Pipeline (Contains Privileged Information – Do Not Release)
Appendix H	Correspondence for the Supply Header Project

ATLANTIC COAST PIPELINE – Docket Nos. CP15-554-000 and CP15-554-001**SUPPLY HEADER PROJECT – Docket No. CP15-555-000****1.0 PROJECT DESCRIPTION AND ENGINEERING****1.1 Update on the Cochran’s Cave Conservation Area**

Staff Recommendation 15 of the Draft Environmental Impact Statement (DEIS) for the Atlantic Coast Pipeline (ACP) and Supply Header Project (SHP) directed Atlantic Coast Pipeline, LLC (Atlantic) to consult with the Virginia Department of Conservation and Recreation (VDCR) to “determine if the route alignment and construction activities would impact Cochran’s Cave Conservation Site or Cochran’s Cave No. 2”. Atlantic provided a report describing the results of subsurface investigations at the Cochran’s Cave Conservation Area (CCCA) to the VDCR on January 24, 2017, and filed a copy of the report and transmittal letter to VDCR on January 27, 2017 (FERC Accession Number 20170127-5202). The VDCR recently provided comments on the report in a letter to Atlantic dated February 23, 2017. This letter, which is provided in Appendix F (see Section 3.0 below), states that VDCR: “supports the ongoing efforts...to characterize the karst geology and hydrology within the Cochran’s Conservation Site” and that “the investigations underway and ongoing adjustments to the details of the alignment have reduced the likelihood of a significant impact to the cave or its associated biological or hydrological resources”. The letter additionally notes that the presence of a karst specialist onsite during construction is “essential to ensure safe construction”. Atlantic previously committed to providing onsite karst specialists during construction in karst areas in its *Karst Terrain Assessment Construction, Monitoring and Mitigation Plan*, which was filed on January 27, 2017 (FERC Accession Number 20170127-5202).

Atlantic’s filing of the CCCA report and associated transmittal letter to the VDCR on January 27, 2017, and the response letter from the VDCR provided with Appendix F of this filing, fulfills Staff Recommendation 15.

2.0 ENVIRONMENTAL AND CULTURAL RESOURCES**2.1 Update to the Biological Evaluation**

Atlantic continues to consult with the U.S. Forest Service (USFS) regarding the proposed pipeline crossings of the Monongahela National Forest (MNF) and George Washington National Forest (GWNF) for the ACP. As part of these ongoing efforts, Atlantic prepared a draft Biological Evaluation (BE), which assesses impacts and identifies conservation measures for avoiding or minimizing impacts on USFS sensitive species. The draft BE replaces two previous versions of a preliminary draft, which Atlantic filed on August 15 and November 22, 2016 (FERC Accession Numbers 20160816-5052 and 20161122-5137, respectively).

Atlantic provided the draft BE to the USFS on March 10, 2017 for review and comment. Both the draft BE and Atlantic’s transmittal letter to the USFS are provided in Appendix A. Because this appendix contains location information for sensitive species, it has been filed under separate cover. The appendix is marked “Contains Privileged Information – Do Not Release”.

In addition to the privileged version of the draft BE, Atlantic prepared a second, public version which redacts the location information for species. The public version of the draft BE is provided in Appendix B.

Staff Recommendation 32 of the DEIS for the ACP and SHP directed Atlantic to file with the Secretary and provide to the USFS a revised BE “that describes vegetation communities and construction and operation impacts according to the protocols and classification systems requested by the GWNF, and based on vegetation data collected during surveys”. Section 4.1.1.2 of the draft BE describes vegetation community types present in the ACP Project area in the GWNF based on the Natural Communities of Virginia: Ecological Groups and Community Types classification system as recommended by the USFS. Temporary and permanent impacts to vegetation communities in the GWNF using this classification system are discussed in Section 5.2.2 and quantified in Table 5.2.2-1 of the draft BE. Atlantic additionally notes that the draft BE utilizes information and data from its interim plant survey report for the GWNF, which was provided to the USFS and filed with FERC on July 29, 2016 (FERC Accession Number 20160729-5257). This report describes the results of plant surveys conducted in the GWNF in 2016. Atlantic’s submittal of the draft BE, including the information from the interim plant survey report, to FERC and the USFS fulfills Staff Recommendation 32.

Staff Recommendation 42 of the DEIS for the ACP and SHP directed Atlantic to file with the Secretary and provide to the USFS “a revised and complete list of waterbody crossings on National Forest Service lands, with corresponding fishery classification and TOYR” and to “coordinate with the MNF and GWNF to ensure that the waterbodies have been classified correctly”. Appendix B of the draft BE contains a table of waterbody crossings on the MNF and GWNF. Among other attributes, the table identifies the fishery type (as identified by the West Virginia Department of Natural Resources or Virginia Department of Game and Inland Fisheries) and restricted in-water work periods for each waterbody crossing based on agency consultations to date or online data. Therefore, Atlantic’s submittal of the draft BE to FERC and the USFS partially fulfills Staff Recommendation 42. Atlantic will file USFS comments on the draft BE, including any comments regarding the fishery type and restricted in-water work periods for each waterbody crossing on the MNF and GWNF, when available to completely fulfill Staff Recommendation 42.

Staff Recommendation 60 of the DEIS for the ACP and SHP directed Atlantic to file a revised BE that addresses comments from the USFS on the preliminary draft BE (60a); describes impacts on terrestrial and aquatic habitats using protocols and classification systems recommended by the MNF and GWNF (60b); provides a sedimentation analysis for aquatic resources (60c); provides start and end mileposts and impact acreages for old growth forest in the MNF and GWNF (60d); identifies karst features in the MNF and GWNF where subterranean obligate species are likely to be present and describes conservation measures for these species (60e); addresses the potential for impacts on caves in Poplar Hollow and on Brushy Ridge as identified by the USFS (60f); identifies Regional Forest Sensitive Species (RFSS) with potential to occur in the ACP Project area, provides an analysis of impacts, and identifies conservation measures for these species (60g); and provides a revised evaluation of impacts on West Virginia northern flying squirrel (60h).

The draft BE addresses the issues identified in Staff Recommendation 60 as follows:

- 60a – The draft BE addresses most comments from USFS staff as identified in their letter dated September 30, 2016 on the preliminary draft BE and in other letters and emails providing comments on survey reports and other filed documents which are relevant to the content of the BE (e.g., species survey reports). Some comments require additional coordination with the USFS to address issues (e.g., comments regarding the extent of topsoil segregation on USFS lands) or information that is pending (e.g., results of remaining field surveys). Atlantic is working with the USFS to address the outstanding comments and plans to complete the remaining field surveys in 2017. Updated information will be provided to the USFS and filed with FERC when available.
- 60b – The draft BE describes impacts on terrestrial and aquatic habitats using protocols and classification systems recommended by the USFS. Terrestrial habitats, including vegetation types, are discussed in Sections 4.1 and 5.2; karst habitat is discussed in Sections 4.2 and 5.3; and aquatic habitats, including wetlands and waterbodies, are discussed in Sections 4.3 and 5.4.
- 60c – Atlantic prepared a sedimentation analysis for the ACP using a methodology developed in coordination with the USFS. The results of the analysis are discussed in Atlantic’s Soil Erosion and Sedimentation Modelling Report, which is appended to the draft BE as Appendix J. The results of the modelling are discussed in Sections 5.4.2, 5.5.5.1, and 5.6.5.1 of the draft BE.
- 60d – The potential for old growth forest to be present in the ACP Project area in the MNF and GWNF is addressed in Sections 5.2.1 and 5.2.2, respectively, of the draft BE. While no known stands of old growth forest on USFS lands are crossed by the ACP, areas of late successional forest are crossed in the MNF and suitable areas for management as possible old growth or future old growth forest are crossed in the GWNF. As noted in Sections 5.1.2 and 5.2.2 of the draft BE, Atlantic will conduct preconstruction timber surveys on USFS lands which will help identify old growth trees or stands that may be affected by construction of the ACP. Atlantic will complete the preconstruction timber surveys, the results of which will be filed with FERC and provided to the USFS, prior to construction.
- 60e – The locations of karst features and terrain along and near the ACP Project area in the MNF and GWNF based on field surveys completed to date are identified in Sections 4.2 and 5.3 of the draft BE. The potential for impacts and conservations measures for RFSS cave obligate species in the MNF and GWNF are discussed in Sections 5.5.1 and 5.6.1 of the draft BE, respectively. Atlantic’s *Karst Terrain Assessment, Construction, Monitoring and Mitigation Plan*, which was previously filed on January 27, 2017 (FERC Accession Number 20170127-5202), is appended to the draft BE in Appendix C. Atlantic additionally notes that an updated karst assessment and survey report, including appendices identifying karst features found in the ACP Project area in the MNF and GWNF, was

provided to the USFS and filed with FERC on February 24, 2017 (FERC Accession Number 20170224-5149).

- 60f – As discussed in Section 5.3 of the draft BE, no caves were documented in the ACP Project area in the GWNF during the 2016 field survey. The cave at Poplar Hollow is located outside of the GWNF approximately 650 feet from the ACP centerline at approximate MP 96.7. Karst features were found in the vicinity of Brushy Creek between approximate MPs 104 and 106, but these features are also not located on USFS lands. As noted above, the potential for impact on karst and obligate species in the GWNF is addressed in Section 5.6.1 of the draft BE.
- 60g – The draft BE identifies RFSS species with potential to occur in the ACP Project area, provides an analysis of impacts, and identifies conservation measures for these species. RFSS species in the MNF are discussed throughout Section 5.5 and RFSS species in the GWNF are discussed throughout Section 5.6.
- 60h – An evaluation of impacts on West Virginia northern flying squirrel is provided in Section 5.5.2.1 of the draft BE.

Based on the above discussion, the submittal of the draft BE fulfills Staff Recommendations 60a through 60h. As noted above, Atlantic continues to work with USFS staff to address select issues. Atlantic will continue to file documentation of its ongoing consultations with USFS staff as warranted and will file comments from the USFS on the draft BE when available.

2.2 Update to the Management Indicator Species Report

Staff Recommendation 62 of the DEIS for the ACP and SHP directed Atlantic to file with the Secretary and send to the USFS a revised Management Indicator Species (MIS) Report that provides an updated analysis of impacts on wild brook trout on USFS lands (62a); provides a sedimentation analysis for potentially affected waterbodies crossed by the ACP on USFS lands (62a); and provides starting and ending mileposts and acreages of impacts on old growth forests crossed by the ACP on USFS lands. In addition to these recommendations, the USFS provided comments on a previous version of the MIS Report (filed on November 15, 2016; FERC Accession Number 20161115-5161) in a letter to FERC dated February 2, 2017 (FERC Accession Number 20170210-5097).

A revised MIS Report addressing the items identified in Staff Recommendation 62 as well as the comments from the USFS in their February 2, 2017 letter to FERC is provided as Appendix C. Because the report contains location information for sensitive species, it has been filed under separate cover. The report is marked “Contains Privileged Information – Do Not Release”. The revised MIS Report was provided to the USFS on March 10, 2017. A copy of Atlantic’s transmittal letter to the USFS is provided with Appendix C. Atlantic’s submittal of the revised MIS Report to FERC and the USFS fulfills Staff Recommendation 62.

2.3 Update to the North Carolina Aquatics Removal Plan

Atlantic has developed and will implement a *North Carolina Fish and Other Aquatic Taxa Collection and Relocation Protocol for Instream Construction Activities*. The protocol describes collection and relocation measures to safely remove fish and other aquatic species (e.g., crayfish, herps, and mussels) from areas where injury or mortality is likely to occur in streams crossed by the ACP in North Carolina. Atlantic provided a copy of the plan to the North Carolina Wildlife Resources Commission (NCWRC) for review and comment on January 4, 2017. Copies of the plan and Atlantic’s transmittal letter to the NCWRC were filed with FERC on January 10, 2017 (FERC Accession Number 20170110-5142).

The NCWRC provided comments on the plan in a memorandum to Atlantic dated January 31, 2017, but sent to Atlantic by email on February 13, 2017. Copies of the memorandum and email are provided with Appendix F (see Section 3.0 below). Atlantic revised the plan to address the NCWRC’s comments. Both the revised plan and Atlantic’s transmittal of the revised plan to the NCWRC are provided in Appendix D.

2.4 Archaeological Site Testing Report

Atlantic and DTI are conducting field investigations for archaeological sites, historic architectural sites, and other cultural resources. With this filing, DTI is submitting an archaeological site testing report for the SHP in West Virginia. DTI provided a copy of the report to the West Virginia Division of Culture and History (WVDCH) for review and comment on March 7, 2017. Copies of the report and transmittal letter to the WVDCH are provided in Appendix E. Because Appendix E contains location information for an archaeological site, it has been filed under separate cover. The appendix is marked “Contains Privileged Information – Do Not Release”. DTI will file comments from the WVDCH on the report from when available.

3.0 AGENCY CORRESPONDENCE

Atlantic submitted summaries of agency contacts and copies of select correspondence with agencies in Appendices 1H and 1I of Resource Report 1, which was filed with the FERC Application on September 18, 2015 (FERC Accession Number 20150918-5212). Updated summaries of agency contacts and copies of correspondence were also provided with supplemental filings or data responses on October 30, November 13, and December 15, 2015; January 13, January 29, March 24, April 15, May 13, June 17, July 1, July 18, July 29, August 15, September 1, September 15, September 30, October 17, October 20, October 31, November 17, and December 1, 2016; and January 10, January 27, and February 24, 2017 (FERC Accession Numbers 20151030-5363, 20151113-5192, 20151215-5252, 20160113-5231, 20160129-5227, 20160324-5120, 20160415-5014, 20160513-5223, 20160617-5151, 20160701-5255, 20160718-5164, 20160729-5256, 20160816-5051, 20160901-5260, 20160915-5216, 20160930-5310, 20161017-5045, 20161020-5049, 20161031-5198, 20161117-5168, 20161201-5309, 20170110-5142, 20170127-5202, and 20170224-5149, respectively).

A summary of recent agency contacts and copies of correspondence for the ACP are provided in Appendix F. Because some of Atlantic's recent correspondence with agencies contains location information on threatened or endangered species or archaeological sites, this correspondence is being filed under separate cover as Appendix G, which is marked "Contains Privileged Information – Do Not Release". Recent agency correspondence for the SHP is provided in Appendix H.