

**Enclosure: Figures Depicting the Locations of the
Surry and North Anna Power Stations and
Their Associated Transmission Lines**

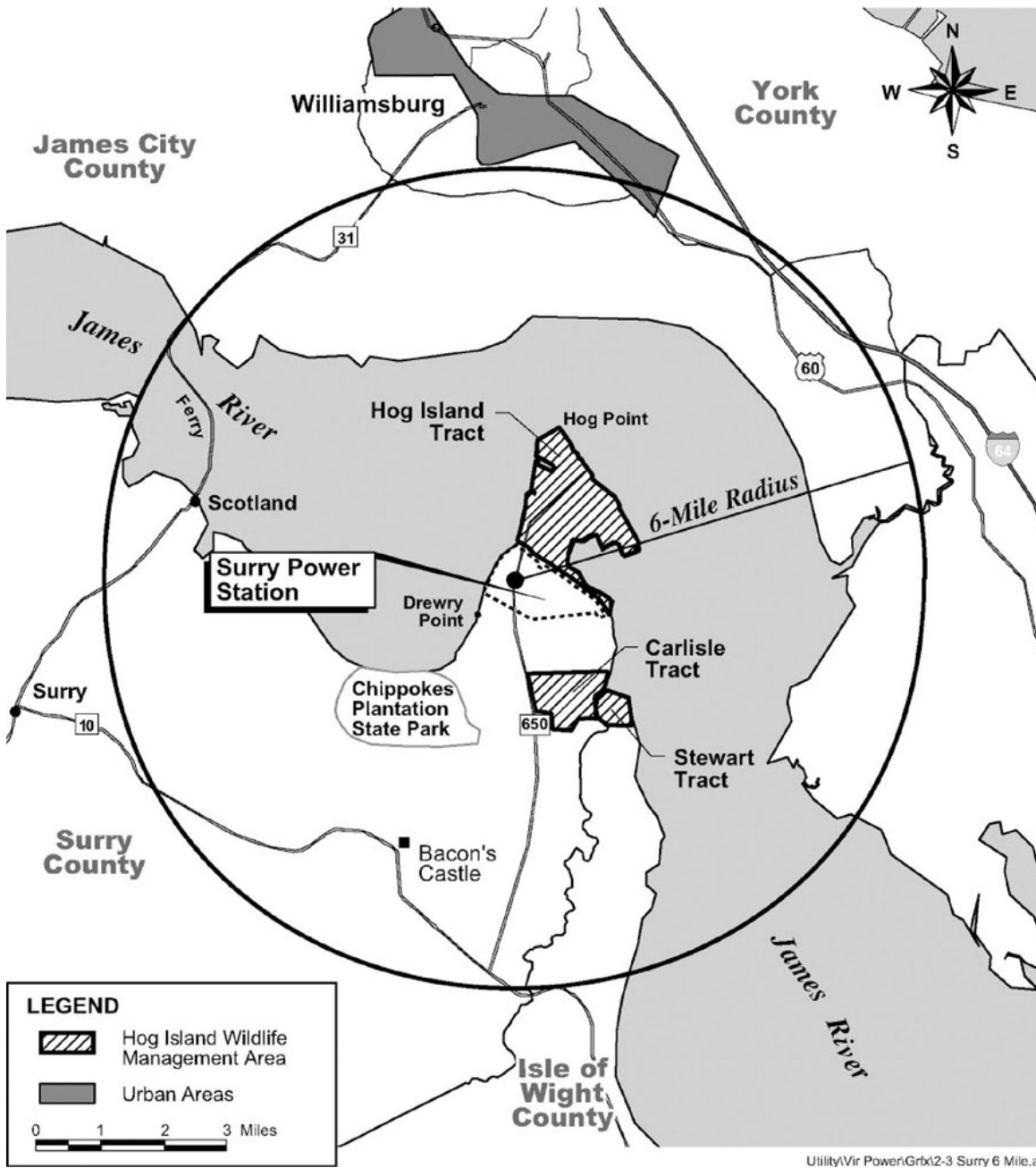


Figure 2-3. Dominion - 6-Mile Surry Vicinity Map

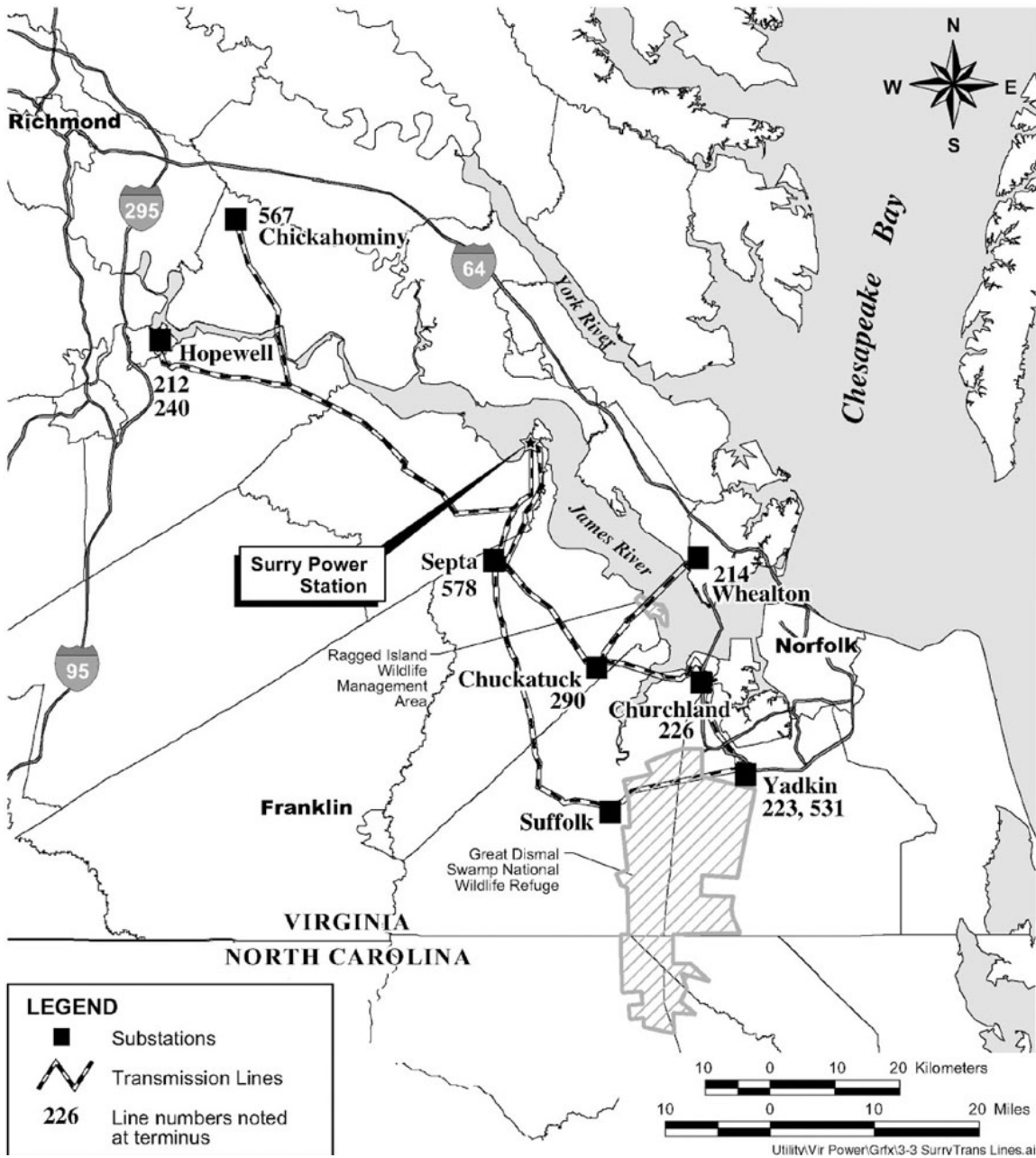


Figure 3-3. Transmission Corridors

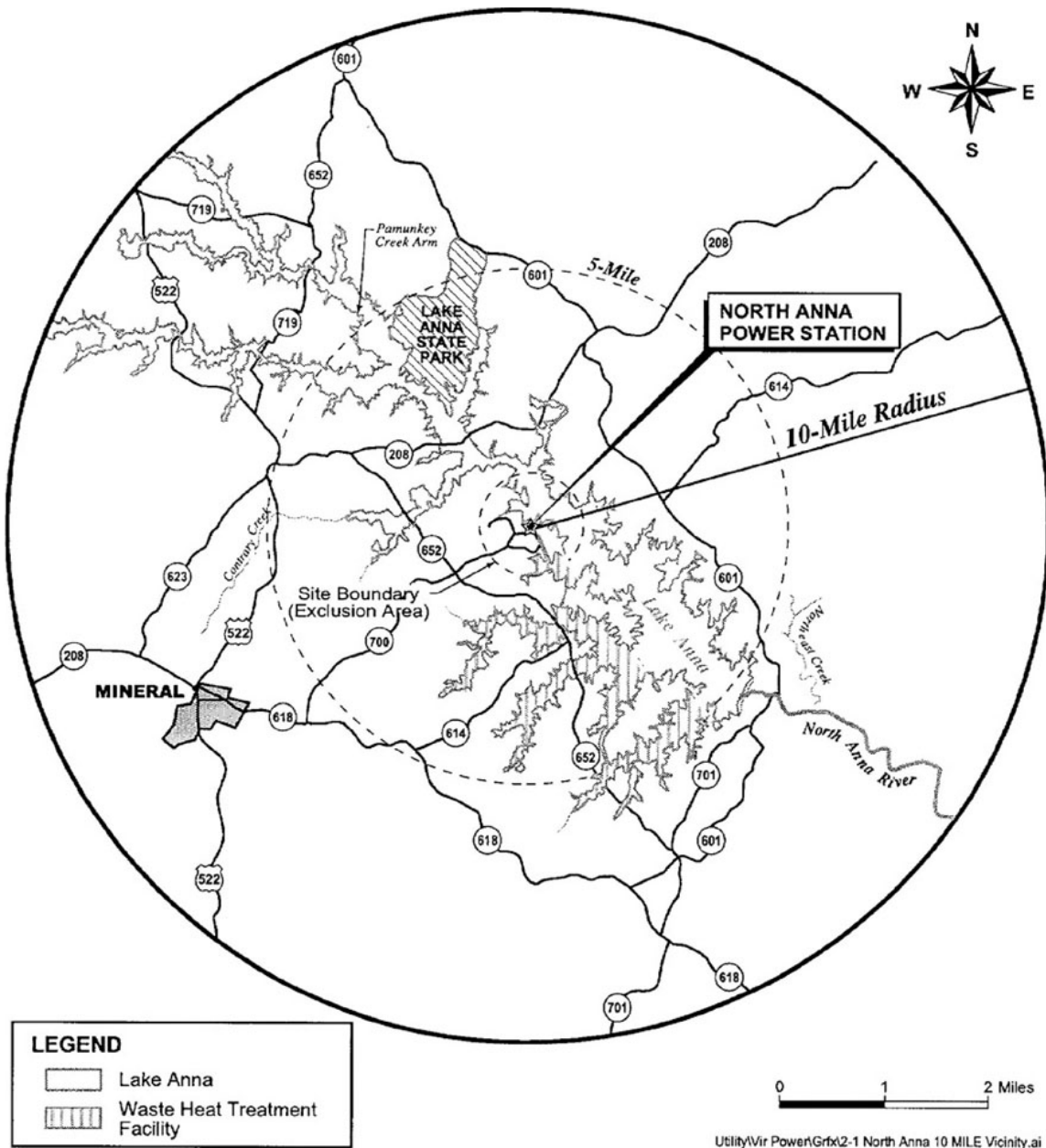


Figure 2-1. Dominion - 10-Mile North Anna Vicinity Map

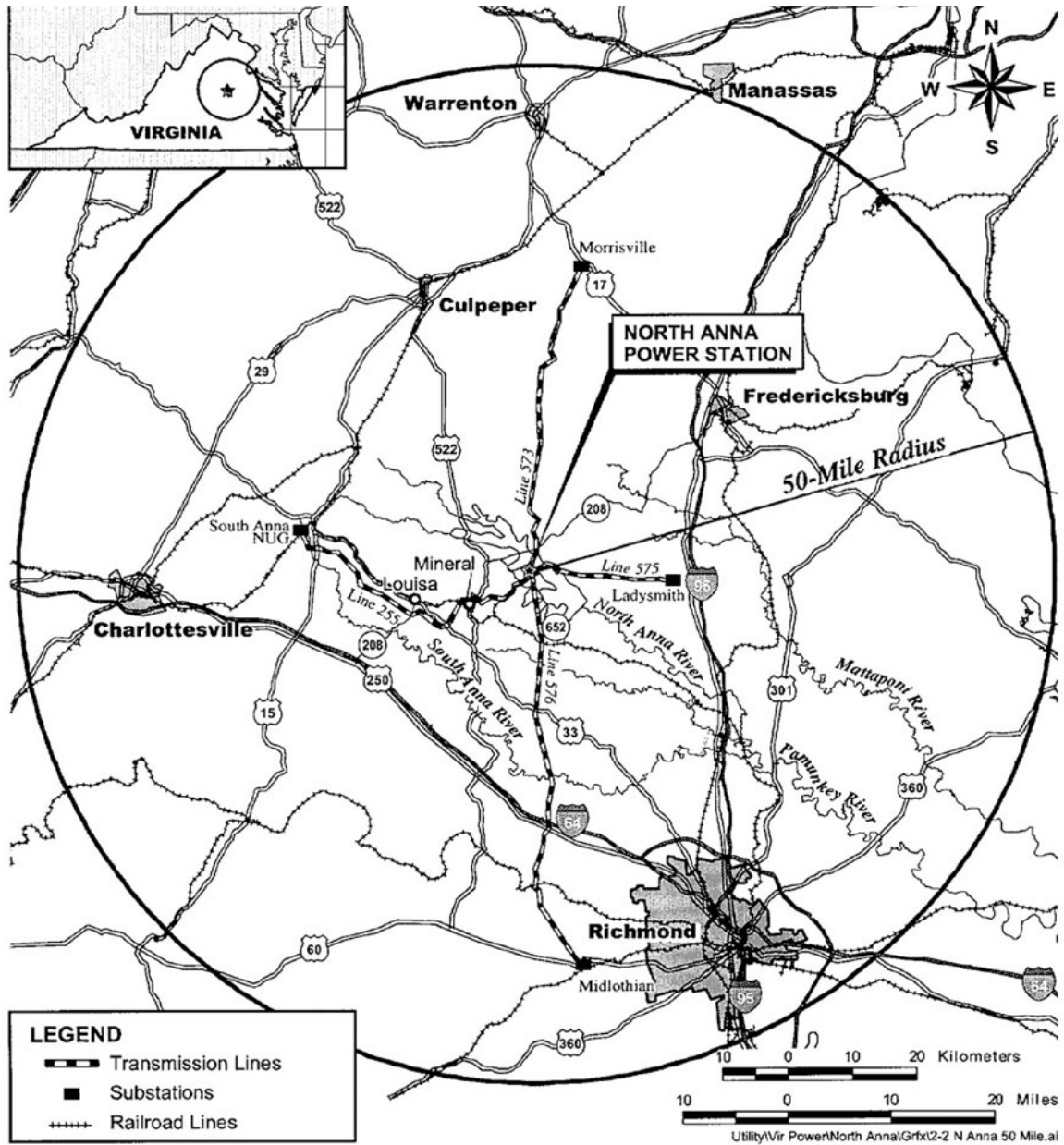


Figure 2-2. Dominion - North Anna Power Station 50-Mile View



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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February 20, 2002

J. W. White, Ph.D.
Manager, Water and Waste Programs
Dominion Virginia Power Company
5000 Dominion Boulevard
Glen Allen, Virginia 23060

**RE: Surry Power Station License Renewal: Application by Dominion Virginia Power Company to U.S. Nuclear Regulatory Commission for Renewed Operating License
Federal Consistency Certification under the Coastal Zone Management Act
DEQ-01-186F**

Dear Dr. White:

This letter responds to your September 27, 2001 letter requesting the Department of Environmental Quality's concurrence with the federal consistency certification for renewal of the Dominion Virginia Power Company's operating license for the Surry Power station. The Department of Environmental Quality is responsible for coordinating Virginia's review of federal consistency certifications and responding to applicants for federal approval on behalf of the Commonwealth. The following agencies and planning district commission took part in this review:

Department of Environmental Quality
Department of Conservation
Department of Health
Marine Resources Commission
Chesapeake Bay Local Assistance Department
Crater Planning District Commission.

In addition, Surry County was invited to comment.

J. W. White, Ph.D.
February 20, 2002
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Project Description

Dominion Virginia Power submitted information for this review in the form of two documents. One, submitted with the initial letter, is called "Appendix E, Environmental Report" (cited hereinafter as "Appendix E"). The other is entitled "Federal Consistency Certification for Surry Power Station License Renewal" and is dated October 26, 2001 (cited hereinafter as "Certification").

Dominion Virginia Power owns and operates the Surry Power Station, a nuclear electric generating station located on the James River in Surry County. The plant is situated at the river just south of Hog Island Wildlife Management Area (Appendix E, page E-11, figure E-2). The plant consists of two nuclear reactors and associated steam turbines that generate approximately 1,600 megawatts of electricity. The Unit 1 license is to expire on May 25, 2012, while the Unit 2 license will expire on January 29, 2013. Both licenses have terms of 20 years, and are to be renewed for new 20-year terms. (Appendix E, page E-3). The Company expects Surry Power Station operations during the new license term to be a continuation of present operations (Appendix E, page E-2).

Federal Consistency Analysis

The Virginia Coastal Resources Management Program (VCP) is comprised of a network of programs administered by several agencies. In order to be consistent with the VCP, the applicant for federal licensing must obtain all the applicable permits and approvals listed under the Enforceable Programs of the VCP prior to commencing the project. Based on the commitments provided in the Consistency Certification that Dominion Virginia Power will obtain and comply with all approvals from agencies administering the applicable Enforceable Programs (Certification, page 1; Appendix E, page E-2) and comments submitted by agencies administering the Enforceable Programs, the Department of Environmental Quality concurs with the finding that the license renewal and continued operation of the Surry Power Station is consistent with Virginia's Coastal Resources Management Program.

This discussion analyzes the continued operation of the project under the license renewal in light of the Enforceable Programs of the Virginia Coastal Management Program.

1. Subaqueous Lands Management. The Marine Resources Commission indicates no objection to the renewal of the Nuclear Regulatory Commission (NRC) license for this project, provided that the applicant adheres to existing activities permitted by the Commission and/or submits appropriate permit applications for any new activities

J. W. White, Ph.D.
February 20, 2002
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affecting State-owned subaqueous lands. According to the Certification, the applicant has no plans for any activity under the license renewal that would require a permit from the Commission (page 13, Table 2, item b).

2. Coastal Lands Management. According to the Chesapeake Bay Local Assistance Department, the proposed license renewal is not subject to any requirements under the Chesapeake Bay Preservation Act because the license renewal would allow continued operations without new construction or redevelopment.

3. Wetlands Management. According to DEQ's Piedmont Regional Office, renewal of the NRC license for this project will not affect the existing Virginia Water Protection Permit covering the project, as long as the project stays in compliance with the requirements of the permit. According to DEQ's Virginia Water Protection Program, activities under the license renewal will not affect wetlands.

4. Point Source Water Pollution. According to DEQ's Piedmont Regional Office, renewal of the NRC license for this project will not affect the existing Virginia Pollutant Discharge Elimination System Permit covering the project, as long as the project stays in compliance with the requirements of the permit. According to DEQ's Virginia Water Protection Program, activities under the license renewal will not affect surface waters.

5. Air Pollution Control. According to DEQ's Piedmont Regional Office, renewal of the NRC license for this project will not affect the existing air permits covering the project, as long as the project stays in compliance with the requirements of these permits.

6. Other Enforceable Programs. As the Certification indicates, the remaining Enforceable Programs of the Virginia Coastal Resources Management Program do not apply to the renewal of the NRC license for the Surry Power Station. Specifically, the Fisheries Management Program, including the State Tributyltin Regulatory Program, is not applicable to continued operation of the Surry Power Station. Neither are the Dunes Management Program, the Non-point Source Pollution Control (Erosion and Sediment Control) Program, or the Shoreline Sanitation Program.

Environmental Impacts and Mitigation

1. Natural Heritage and Wildlife Resources. "Natural heritage resources" are defined as the habitat of rare, threatened, or endangered species of plants and animals, unique or exemplary natural communities, and significant geologic formations, according to the Department of Conservation and Recreation. That Department indicates that

J. W. White, Ph.D.
February 20, 2002
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natural heritage resources have not been documented as present in the vicinity of the project. In addition, the Department of Conservation and Recreation represents the Department of Agriculture and Consumer Services in commenting on state-listed endangered plant and insect species that might be affected by a project. The continued operation of the Surry Power Station will not affect protected plant or insect species.

2. Recreation Resources. Continued operation of the Surry Power Station will not adversely affect any existing or planned recreational facilities. Nor will it affect streams on the National Park Service Nationwide Inventory, Final List of Rivers or potential Virginia Scenic Rivers. The project will not affect any Virginia Byways.

3. Solid and Hazardous Waste Management. The DEQ's Waste Division, Office of Remedial Programs did a cursory review of its data files and found that the Surry Power Station is listed as a small-quantity generator of hazardous waste, subject to the provisions of Title 40, Code of Federal Regulations, Part 262 (and related provisions in Parts 264, 265, and 268), which are adopted by reference in the Virginia Hazardous Waste Management Regulations. The most recent DEQ inspection of the North Anna Power Station took place in May 1999; the inspection revealed that the Station was in compliance with all the requirements applicable to small-quantity generators.

4. Radiological Health Considerations. According to the Department of Health's Radiological Health Program, the Department of Health provides independent verification of this facility's environmental monitoring program for radiological releases. The Department of Health implemented its environmental monitoring program during the pre-operational stage of the facility; the program continues to the present day. There is no indication, in the published annual reports of the monitoring program, of any releases of radiation affecting the environment in the history of the program.

In addition, the applicant has been supportive of the efforts of state and local governments in maintaining an effective State Emergency Response Plan in case of radiological emergencies at the power plant. The Nuclear Regulatory Commission license includes a condition requiring certification of the Plan by the Federal Emergency Management Agency (FEMA); FEMA has certified the Plan.

J. W. White, Ph.D.
February 20, 2002
Page 5

Thank you for the opportunity to comment on this federal consistency certification.

Sincerely,



Ellie L. Irons
Program Manager
Office of Environmental Impact Review

Enclosures

cc: Derral Jones, DCR
Leslie P. Foldesi, VDH
Thomas D. Modena, DEQ-DWPC-ORP
K.S. Narasimhan, DEQ-DAPC-ODA
Mark S. Alling, DEQ-PRO
Brenda K. Winn, DEQ-VWPP
M. R. Habibi, DEQ-PRO
Tony Watkinson, MRC
Catherine M. Harold, CBLAD
Dennis K. Morris, Crater PDC
Terry D. Lewis, Surry County
Andy Kugler, U.S. NRC

July 29, 2002

Chief Leo Henry
Tuscarora Nation Clerk
2006 Mt. Hope Road
Lewiston, NY 14092

Mr. Neil Patterson, Jr., Director
Tuscarora Environmental Program
Tuscarora Nation
2045 Upper Mtn. Road
Sanborn, NY 14132

Mr. Richard Hill
Haudenosaunee Standing Committee
2235 Mt. Hope Road
Tuscarora Nation
Lewiston, NY 14092

SUBJECT: AVAILABILITY OF DRAFT PLANT-SPECIFIC SUPPLEMENTS 6 AND 7 TO
THE GENERIC ENVIRONMENTAL IMPACT STATEMENT REGARDING THE
LICENSE RENEWAL FOR THE SURRY AND NORTH ANNA POWER
STATIONS

Dear Messrs:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed draft plant-specific Supplements 6 and 7 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," regarding the renewal of operating licenses DPR-32 and DPR-37 for Surry Power Station, Unit Nos. 1 and 2 (Surry), and NPF-4 and NPF-7 for North Anna Power Station, Unit Nos. 1 and 2 (North Anna), for an additional 20 years of operation. Representatives of the Bureau of Indian Affairs (Department of the Interior) expressed their interest in ensuring that the NRC provide you with the opportunity to share your views on the findings of the staff assessment.

Both of these facilities are a considerable distance from the Neuse and Roanoke Rivers. The Surry plant is located on the James River, six miles south of Williamsburg, VA. Construction of the Surry plant was initiated in 1968; Unit No. 1 went into commercial operation in 1972 and Unit No. 2 in 1973. The North Anna plant is located on Lake Anna, 10 miles northeast of Mineral, VA. Construction of the North Anna plant was initiated in 1971; Unit No. 1 went into commercial operation in 1978 and Unit No. 2 in 1980. Neither of the plants anticipate any major refurbishment activities associated with a 20-year renewal of the licenses that could result in land disturbances beyond those already experienced.

Enclosed are copies of the two reports for your information. The NRC plans to prepare the final versions of these reports in September 2002. The draft reports were filed with the U.S. Environmental Protection Agency (EPA) and a notice of availability was issued with each,

Appendix E

L. Henry & N. Patterson, et al.

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indicating a 75-day comment period. Should you have an interest in commenting on these drafts, we request that such comments be received by the NRC no later than August 30, 2002, so that they may be considered in the final Supplements. Comments on either document should be addressed to:

Chief
 Rules and Directives Branch
 Mailstop T-6D 59
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555-0001

Comments may also be submitted electronically to the NRC at SurryEIS@nrc.gov or at NorthAnnaEIS@nrc.gov.

Sincerely,
Original Signed By: BZalcman
 Barry Zalcman, Senior Project Manager
 Environmental Section
 License Renewal and Environmental Impacts Program
 Division of Regulatory Improvement Programs
 Office of Nuclear Reactor Regulation.

Docket Nos. 50-280, 50-281,
 50-338, and 50-339

Enclosures: As stated
 cc w/o encl: See next page

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		J. Davis
		H. Berilla
		E. Hickey, PNNL

Accession nos.:

1. Letter to: L. Henry, R. Hill & N. Patterson, Jr.: **ML022140519**
2. Letter to EPA w/Svc List, dated 04/03/02: **ML021060405**
3. Letter to EPA w/Svc List, dated 04/23/02: **ML021140391**
4. Package: **ML022140548**

*See previous concurrence

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NAME	BZalcman*	JDavis*	HBerilla*	JRTappert* (RLE)	PTKuo*
DATE	07/25/02	07/23/02	07/26/02	07/29/02	07/29/02

OFFICIAL RECORD COPY

Dominion Generation
5000 Dominion Boulevard, Glen Allen, VA 23060



February 6, 2001

Ms. Carrie McDaniel, Fisheries Biologist
National Marine Fisheries Service
Protected Resources Division
1 Blackburn Dr
Gloucester, MA 01930

Re: Dominion's Surry Power Station Nuclear License Renewal

Dear Ms. McDaniel:

This correspondence follows our recent telephone conversation regarding nuclear license renewal for Dominion's Surry and North Anna Power Stations, and previous contact with the NMFS office in Hampton, VA (April 2000, January 2001). Please find enclosed for your review and comment, applicable sections of the Draft Environmental Reports for the license renewal application. One is provided for each station though Surry may be the only site in a location of interest.

We intend the application for license renewal to be consistent with requirements of the National Marine Fisheries Service and with the priorities of our communities. As part of the license renewal process, the U.S. Nuclear Regulatory Commission (NRC) requires that applicants identify adverse impacts to threatened and endangered species resulting from continued operation of the facility or from refurbishment activities associated with license renewal. There are no changes in operations or refurbishment activities planned which would invalidate the conclusion we have thus far, that there are no adverse impacts on aquatic species.

As a matter of course, the NRC may request an informal consultation with your agency regarding our actions. The time frame for this NRC request is anticipated to be in the second half of 2001, following our late spring application submittal.

We regard our cooperative relationships with jurisdictional agencies such as yours important in meeting regulatory requirements and shared objectives. Your interest and active participation in our efforts and potentially with the NRC later this year are appreciated. It is our expectation that by contacting you at this point in the process, we can identify any questions needing to be addressed prior to submittal. We respectfully request and appreciate correspondence to that effect, as well as if there are no additional data needed for your concurrence with our conclusion.

Should you have questions regarding any of the enclosed information, please contact me at 804/273-2170 (or tony_banks@dom.com), or Dr. Jud White at 804/273-2948 (or judson_white@dom.com).

Thank you for your attention to the matters presented herein.

Sincerely,

Tony Banks, MPH, CHMM

Cc: J. W. White, EP&C
LR file

Enclosures: ER documentation

02-01 ER/NMFS/Slr doc 02/06/01



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ecological Services
6669 Short Lane
Gloucester, VA 23061



May 22, 2002

Mr. Christopher Grimes
Nuclear Regulatory Commission
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation
Washington, D.C. 20555-0001

P.T. Kuo

Re: License Renewal for Surry
and North Anna Power
Stations, Surry and Louisa
Counties, Virginia


Mr. Grimes:

The U.S. Fish and Wildlife Service (Service) has received your request for a list of federally listed or proposed endangered and threatened species and designated critical habitat within the area under evaluation for the Surry and North Anna Power Stations license renewal. This letter is submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). Attached are lists of species with federal status and species of concern that have been documented or may occur in the counties where your project is located. These lists were prepared by this office and are based on information obtained from previous surveys for rare and endangered species.

The Service would like to confirm that any further Section 7 consultation necessary for this project, pursuant to the ESA, will be conducted by personnel of the Chesapeake Bay Field Office in Annapolis, Maryland.

If you have any questions or need further assistance, please contact Mr. Eric Davis of this office at (804) 693-6694, extension 104.

Sincerely,


for Karen L. Mayne
Supervisor
Virginia Field Office

Enclosures

1560147

SURRY COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>STATUS</u>
<u>BIRDS</u>		
Haliaeetus leucocephalus ¹	Bald eagle	LT
<u>PLANTS</u>		
Aeschynomene virginica	Sensitive joint-vetch	LT

Species of Concern

<u>INVERTEBRATES</u>		
Speyeria diana	Diana fritillary	G3
Stygobromus araeus	Tidewater interstitial amphipod	G2
<u>VASCULAR PLANTS</u>		
Carex decomposita	Epiphytic sedge	G3
Chamaecrista fasciculata var. macrosperma	Marsh senna	G5T2
Desmodium ochroleucum	Creamflower tick-trefoil	G2G3
Rudbeckia heliopsidis ²	Sun-facing coneflower	G2
Trillium pusillum var. virginianum	Virginia least trillium	G3T2

¹Nesting occurs in this county; concentrated shoreline use has been documented on the James River.

²Surveys needed within 5-miles of Prince George County species location.

March 22, 1999
 Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Appendix E

**ISLE OF WIGHT COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species**

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>STATUS</u>
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BIRDS

Haliaeetus leucocephalus	Bald eagle	LT
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Species of Concern

INVERTEBRATES

Caecidotea phreatica	Phreatic isopod	G1
Speyeria diana	Diana fritillary	G3
Stygobromus araeus	Tidewater interstitial amphipod	G2
Stygobromus indentatus	Tidewater amphipod	G2G3

NON-VASCULAR PLANTS

Sphagnum cyclophyllum	Circular leaved peatmoss	G3
Sphagnum macrophyllum var macrophyllum	Large-leaf peatmoss	G3T3

VASCULAR PLANTS

Carex decomposita	Epiphytic sedge	G3
Litsea aestivalis ¹	Pondspice	G3
Trillium pusillum var. virginianum ²	Virginia least trillium	G3T2

¹Survey may be needed along the Blackwater River.

²This species has been documented in an adjacent county and may occur in this county.

May 29, 2001

Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

PRINCE GEORGE COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>STATUS</u>
<u>BIRDS</u>		
Haliaeetus leucocephalus ¹	Bald eagle	LT
<u>VASCULAR PLANTS</u>		
Aeschynomene virginica	Sensitive joint-vetch	LT

Species of Concern

<u>INVERTEBRATES</u>		
Speyeria diana	Diana fritillary	G3
<u>VASCULAR PLANTS</u>		
Chamaecrista fasciculata var. macrosperma	Marsh senna	G5T2
Rudbeckia heliopsidis	Sun-facing coneflower	G2
Trillium pusillum var. virginianum ²	Virginia least trillium	G3T2

¹Nesting occurs in this county; concentrated shoreline use has been documented on the James River.

²This species has been documented in an adjacent county and may occur in this county.

March 22, 1999
 Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Appendix E

CHARLES CITY COUNTY, VIRGINIA
Federally Listed, Proposed, and Candidate Species

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>STATUS</u>
<u>BIRDS</u>		
Haliaeetus leucocephalus ¹	Bald eagle	LT
<u>VASCULAR PLANTS</u>		
Aeschynomene virginica	Sensitive joint-vetch	LT
Helonias bullata ²	Swamp pink	LT
Isotria medeoloides ²	Small whorled pogonia	LT

Species of Concern

<u>INVERTEBRATES</u>		
Speyeria diana	Diana fritillary	G3
<u>VASCULAR PLANTS</u>		
Chamaecrista fasciculata var. macrosperma	Marsh senna	G5T2
Eriocaulon parkeri	Parker's pipewort	G3
Juncus caesariensis	New Jersey rush	G2
Nuphar sagittifolia	Narrow-leaved spatterdock	G5T2T3
Trillium pusillum var. virginianum	Virginia least trillium	G3T2

¹Nesting occurs in this county; concentrated shoreline use has been documented on the James River.

²This species has been documented in an adjacent county and may occur in this county.

May 29, 2001

Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

CITY OF SUFFOLK, VIRGINIA
Federally Listed, Proposed, and Candidate Species

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>STATUS</u>
<u>BIRDS</u>		
Haliaeetus leucocephalus	Bald eagle	LT

Species of Concern

<u>INVERTEBRATES</u>		
Chlorochroa dismalia	Dismal Swamp green stink bug	G2
Speyeria diana	Diana fritillary	G3
Stygobromus araeus	Tidewater interstitial amphipod	G2
Stygobromus indentatus	Tidewater amphipod	G2G3
<u>NON-VASCULAR PLANTS</u>		
Sphagnum carolinianum	Carolina peatmoss	G3
<u>VASCULAR PLANTS</u>		
Eriocaulon parkeri	Parker's pipewort	G3
Gentiana autumnalis	Pine-barren gentian	G3
Litsea aestivalis ¹	Pondspice	G3
Rhynchospora pallida	Pale beakrush	G3
Trillium pusillum var. virginianum	Virginia least trillium	G3T2

¹Survey may be needed along the Blackwater River.

February 28, 2000
 Prepared by U.S. Fish and Wildlife Service, Virginia Field Office

Appendix F

GEIS Environmental Issues Not Applicable to Surry Power Station, Units 1 and 2

Appendix F

GEIS Environmental Issues Not Applicable to Surry Power Station, Units 1 and 2

Table F-1 lists those environmental issues listed in the *Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants* (NRC 1996; 1999)^(a) and 10 CFR Part 51, Subpart A, Appendix B, Table B-1, that are not applicable to Surry, Units 1 and 2, because of plant or site characteristics.

Table F-1. GEIS Environmental Issues Not Applicable to Surry Power Station, Units 1 and 2

ISSUE—10 CFR Part 51, Subpart A, Appendix B, Table B-1	Category	GEIS Sections	Comment
SURFACE WATER QUALITY, HYDROLOGY, AND USE (FOR ALL PLANTS)			
Altered thermal stratification of lakes	1	4.2.1.2.2 4.4.2.2	Surry, Units 1 and 2, do not discharge into a lake.
Water-use conflicts (plants with cooling ponds or cooling towers using makeup water from a small river with low flow)	2	4.3.2.1 4.4.2.1	Surry, Units 1 and 2, cooling systems do not use makeup water from a small river with low flow.
AQUATIC ECOLOGY (FOR PLANTS WITH COOLING TOWER BASED HEAT DISSIPATION SYSTEMS)			
Entrainment of fish and shellfish in early life stages	1	4.3.3	North Anna does not dissipate heat using cooling towers.
Impingement of fish and shellfish	1	4.3.3	North Anna does not dissipate heat using cooling towers.
Heat shock	1	4.3.3	North Anna does not dissipate heat using cooling towers.

(a) The GEIS was originally issued in 1996. Addendum 1 to the GEIS was issued in 1999. Hereafter, all references to the "GEIS" include the GEIS and its Addendum 1.

Table F-1. (contd)

ISSUE—10 CFR Part 51, Subpart A, Appendix B, Table B-1	Category	GEIS Sections	Comment
GROUNDWATER USE AND QUALITY			
Groundwater-use conflicts (potable and service water, and dewatering; plants that use <100 gpm)	1	4.8.1.1 4.8.2.1	Surry, Units 1 and 2, use >100 gpm of groundwater.
Groundwater-use conflicts (plants using cooling towers withdrawing makeup water from a small river)	2	4.8.1.3 4.4.2.1	This issue is related to heat-dissipation systems that are not installed at Surry, Units 1 and 2.
Groundwater-use conflicts (Ranney wells)	2	4.8.1.4	Surry, Units 1 and 2, do not have or use Ranney wells.
Groundwater quality degradation (Ranney wells)	1	4.8.2.2	Surry, Units 1 and 2, do not have or use Ranney wells.
Groundwater quality degradation (cooling ponds in salt marshes)	1	4.8.3	Surry, Units 1 and 2, do not use cooling ponds
Groundwater quality degradation (cooling ponds at inland sites)	2	4.8.3	Surry, Units 1 and 2, are not located at an inland site.
TERRESTRIAL RESOURCES			
Cooling tower impacts on crops and ornamental vegetation	1	4.3.4	This issue is related to a heat-dissipation system that is not installed at Surry, Units 1 and 2.
Cooling tower impacts on native plants	1	4.3.5.1	This issue is related to a heat-dissipation system that is not installed at Surry, Units 1 and 2.
Bird collisions with cooling towers	1	4.3.5.2	This issue is related to a heat-dissipation system that is not installed at Surry, Units 1 and 2.
Cooling pond impacts on terrestrial resources	1	4.4.4	Surry, Units 1 and 2, do not use cooling ponds

Table F-1. (contd)

ISSUE—10 CFR Part 51, Subpart A, Appendix B, Table B-1	Category	GEIS Sections	Comment
HUMAN HEALTH			
Microbiological organisms ^(a) (occupational health)	1	4.3.6	This issue is related to workers maintaining cooling towers, which Surry does not have.
Microbiological organisms, public health (plants using lakes or canals or cooling towers or cooling ponds that discharge to a small river)	2	4.3.6	Surry, Units 1 and 2, do not use cooling lakes, towers, or ponds and do not discharge into a small river (the location of discharge into the James River is categorized as an estuary).
<p>(a) In its Environmental Report (VEPCo 2001), Virginia Electric and Power Company inadvertently stated that this issue was considered to apply to Surry. During discussions with the staff during the September site visit to Surry and the October site visit to North Anna, the staff established that this issue is not applicable to Surry.</p>			

F.1 References

10 CFR Part 51. Code of Federal Regulations, *Title 10, Energy*, Part 51, “Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions.”

U.S. Nuclear Regulatory Commission (NRC). 1996. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*. NUREG-1437, Volumes 1 and 2, Washington, D.C.

U.S. Nuclear Regulatory Commission (NRC). 1999. *Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Main Report*, “Section 6.3 -Transportation, Table 9.1, ‘Summary of findings on NEPA issues for license renewal of nuclear power plants, Final Report’.” NUREG-1437, Volume 1, Addendum 1, NRC, Washington, D.C.

Virginia Electric and Power Company (VEPCo). 2001. *Application for License Renewal for Surry Power Station, Units 1 and 2*, “Appendix E, Environmental Report - Operating License Renewal Stage.” Richmond, Virginia.