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Nuclear Development

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March 1, 2012

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. NA3-12-004
Docket No. 52-008
Permit No. ESP-003
ESP/BCB

DOMINION VIRGINIA POWER AND OLD DOMINION ELECTRIC COOPERATIVE
APPLICATION FOR ORDER AND CONFORMING AMENDMENTS
TO TRANSFER OLD DOMINION ELECTRIC COOPERATIVE'S INTEREST IN THE
NORTH ANNA EARLY SITE PERMIT

Pursuant to 10 C.F.R. 50.80 and 52.28, Virginia Electric and Power Company, doing business as Dominion Virginia Power ("DVP"), on its own behalf and behalf of the Old Dominion Electric Cooperative ("ODEC"), hereby applies to the U.S. Nuclear Regulatory Commission for an order consenting to the transfer of ODEC's interest in Early Site Permit ("ESP") ESP-003 from ODEC to DVP. The application is included as Enclosure 1.

The application also requests conforming amendments to ESP-003 to delete references to ODEC, reflect DVP as the sole permit holder, and reflect the fact that there is only one permit holder. Enclosure 2 contains marked up pages showing the requested changes.

Service upon the applicants of comments, hearing requests, intervention petitions or other pleadings related to this application should be made to counsel for Dominion as follows: Lillian M. Cuoco, Senior Counsel, Dominion Resources Services, Inc., 120 Tredegar Street, RS-2, Richmond, VA 23219 (phone: 804-819-2684; e-mail: lillian.cuoco@dom.com; fax: 804-819-2183) and David R. Lewis, Pillsbury Winthrop Shaw Pittman, 2300 N. Street, N.W., Washington D.C. 20037 (phone: 202-663-8474; e-mail: david.lewis@pillsburylaw.com; fax: 202-663-8007).

Please contact Joseph D. Hegner at 804-273-2770 (joseph.hegner@dom.com) if you have any questions or require additional information.

Very truly yours,

Eugene S. Grecheck

DO74
HRO

Enclosures:

1. Early Site Permit Transfer Application
2. Marked Up Pages of Early Site Permit No. ESP-003 to Support Transfer

Commitments made in this letter: None

cc (all enclosures):

U. S. Nuclear Regulatory Commission, Region II
C. P. Patel, NRC
T. S. Dozier, NRC
G. J. Kolcum, NRC

Serial No. NA3-12-004
NAPS Early Site Permit Transfer

Enclosure 1

**Application for Order and Conforming License Amendments
to Transfer Old Dominion Electric Cooperative's Interest in
Early Site Permit No. ESP-003
from
Old Dominion Electric Cooperative
to
Dominion Virginia Power**

March 1, 2012

UNITED STATES OF AMERICA

Before the Nuclear Regulatory Commission

In the Matter of)	
)	
Virginia Electric and Power Company, and)	Docket No. 52-008
Old Dominion Electric Cooperative)	
)	
(ESP for North Anna ESP Site))	

**APPLICATION FOR ORDER AND CONFORMING LICENSE AMENDMENTS
TO TRANSFER OLD DOMINION ELECTRIC COOPERATIVE'S INTEREST IN
EARLY SITE PERMIT NO. ESP-003**

I. INTRODUCTION

Pursuant to 10 C.F.R. §§ 50.80 and 52.28, Virginia Electric and Power Company doing business as Dominion Virginia Power ("DVP"), on its own behalf and on behalf of the Old Dominion Electric Cooperative ("ODEC"), hereby applies to the U.S. Nuclear Regulatory Commission for an order consenting to the transfer of ODEC's interest in Early Site Permit ESP-003 from ODEC to DVP. This application also requests conforming amendments to the Early Site Permit to delete references to ODEC, reflect DVP as the sole permit holder, and delete certain provisions that are no longer applicable because they applied only where ODEC maintained an interest in the ESP. Marked up pages showing the requested changes are provided in Enclosure 2.

**II. STATEMENT OF PURPOSE OF THE TRANSFER AND NATURE OF THE TRANSACTION
MAKING THE TRANSFER NECESSARY OR DESIRABLE**

DVP and ODEC are currently the holders of Early Site Permit ESP-003, which establishes the suitability of a site ("ESP Site") on the North Anna Power Station ("NAPS") as suitable for additional nuclear units. DVP and ODEC have also applied for a combined license to construct and operate a new nuclear unit (North Anna Unit 3) on this site. However, ODEC

has now elected not to participate in the development of additional nuclear units at NAPS. ODEC has sold its undivided ownership interest in the real estate, personal property, and all other rights, title and interests to the North Anna Unit 3 Site (which is the same as the ESP Site) to DVP. DVP and ODEC therefore request that the NRC approve the parties' application to transfer ODEC's interest in Early Site Permit ESP-003 from ODEC to DVP.

III. SUPPORTING GENERAL INFORMATION

In accordance with 10 C.F.R. § 50.80(b)(1)(ii), the information required by 10 C.F.R. §§ 52.16 and 50.33(a)-(d), and (j) is provided below.

A. Corporate Information for Virginia Electric and Power Company

Name of Applicant	Virginia Electric and Power Company (d.b.a. Dominion Virginia Power or "DVP")
Address	120 Tredegar Street Richmond, Virginia 23219-3932
State of Incorporation	Virginia
Principal Business Location	120 Tredegar Street Richmond, Virginia 23219-3932

Description of Business:

DVP was incorporated in 1909 as a Virginia public service corporation. DVP is a regulated public utility engaged in the power generation and electric service delivery business within a 30,000 square-mile service area in Virginia and northeastern North Carolina. DVP supplies energy at retail to approximately 2.4 million customer accounts including governmental agencies, and to wholesale customers such as rural electric cooperatives and municipalities.

Names, addresses, and citizenship of DVP directors and principal officers			
Name	Title	Address	Citizenship
Thomas F. Farrell, II	Chairman and Chief Executive Officer	100 Tredegar St. Richmond, VA 23219-3932	USA
Mark F. McGettrick	Director, Executive Vice President and Chief Financial Officer	100 Tredegar St. Richmond, VA 23219-3932	USA

Steven A. Rogers	Director	100 Tredegar St. Richmond, VA 23219-3932	USA
David A. Christian	President and Chief Operating Officer	120 Tredegar St. Richmond, VA 23219-3932	USA
Paul D. Koonce	President and Chief Operating Officer	120 Tredegar St. Richmond, VA 23219-3932	USA
M. Stuart Bolton, Jr.	Senior Vice President	100 Tredegar St. Richmond, VA 23219-3932	USA
Mary C. Doswell	Senior Vice President – Alternative Energy Solutions	120 Tredegar St. Richmond, VA 23219-3932	USA
David A. Heacock	President and Chief Nuclear Officer	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
G. Scott Hetzer	Senior Vice President – Tax and Treasurer	100 Tredegar St. Richmond, VA 23219-3932	USA
Diane G. Leopold	Senior Vice President – Business Development & Generation Construction	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Margaret E. McDermid	Senior Vice President and Chief Information Officer	100 Tredegar St. Richmond, VA 23219-3932	USA
J. David Rives	Senior Vice President - Fossil & Hydro	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Thomas P. Wohlfarth	Senior Vice President – Regulatory Affairs	100 Tredegar St. Richmond, VA 23219-3932	USA
Fred G. Wood, III	Senior Vice President – Financial Management	120 Tredegar St. Richmond, VA 23219-3932	USA

Kenneth D. Barker	Vice President – Customer Solutions & Energy Conservation	120 Tredegar St. Richmond, VA 23219-3932	USA
Thomas R. Bean	Vice President – Financial Analysis	120 Tredegar St. Richmond, VA 23219-3932	USA
P. Rodney Blevins	Vice President – Distribution Operations	120 Tredegar St. Richmond, VA 23219-3932	USA
James P. Carney	Vice President and Assistant Treasurer	100 Tredegar St. Richmond, VA 23219-3932	USA
Gianna C. Clark	Vice President – Customer Service Operations	120 Tredegar St. Richmond, VA 23219-3932	USA
James E. Eck	Vice President – Business Development	100 Tredegar St. Richmond, VA 23219-3932	USA
Pamela F. Faggert	Vice President – Chief Environmental Officer	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Eugene S. Grecheck	Vice President – Nuclear Development	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Leslie N. Hartz	Vice President – Nuclear Support Services	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Scot C. Hathaway	Vice President – Transmission	120 Tredegar St. Richmond VA 23219-3932	USA
C. Douglas Holley	Vice President – Fossil & Hydro System Operations	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Robert B. McKinley	Vice President – Generation Construction	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA

J. Alan Price	Vice President – Nuclear Engineering	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Carter M. Reid	Vice President, - General Counsel & Corporate Secretary	100 Tredegar St. Richmond, VA 23219-3932	USA
Ashwini Sawhney	Vice President - Accounting	701 East Cary Street 17th Floor Richmond, VA 23219-3927	USA
John D. Smatlak	Vice President –Fossil & Hydro Technical Services	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Daniel G. Stoddard	Senior Vice President – Nuclear Operations	5000 Dominion Boulevard Glen Allen, VA 23060-3308	USA
Shannon L. Venable	Vice President – Financial Management	120 Tredegar St. Richmond, VA 23219-3932	USA
Robert M. Blue	Senior Vice President – Law, Public Policy & Environment	100 Tredegar St. Richmond, VA 23219-3932	USA
Becky C. Merritt	Vice President - Shared Services	100 Tredegar St. Richmond, VA 23219-3932	USA
Joseph G. O'Hare	Vice President – Financial Management	120 Tredegar St. Richmond, VA 23219-3932	USA
David G. Shuford	Vice President – Policy and Business Evaluation	120 Tredegar St. Richmond, VA 23219-3932	USA
N. Larry Lane	Site Vice President – Surry	Surry Power Station 5570 Hog Island Road Surry, VA 23883-2022	USA
Gerald T. Bischof	Site Vice President – North Anna	1022 Haley Drive Mineral, VA 23117-4527	USA

No Foreign Ownership, Control, or Influence:

DVP is not owned, controlled, or dominated by an alien, a foreign corporation, or a foreign government.

B. Agents and Representatives

Neither DVP nor ODEC is acting as agent or representative of any other person in filing this application.

C. No Restricted Data

This application does not involve any Restricted Data or other classified defense information, and it is not expected that any such information will be raised or required in connection with transfer of the Early Site Permit. However, pursuant to 10 C.F.R. § 50.37, DVP hereby agrees as part of this application that it will not permit any individual to have access to or any facility to possess restricted data or classified national security information until the individual and/or facility has been approved for such access under the provisions of 10 C.F.R. Parts 25 and/or 95.

IV. SUPPORTING TECHNICAL INFORMATION

In accordance with 10 C.F.R. § 50.80(b)(1)(ii), the information described in 10 C.F.R. § 52.17 with respect to the identity and technical qualifications of the transferee as would be required if the application were for an initial license is provided below:

A. Exclusion Area

The exclusion area for the ESP Site is currently defined as the perimeter of a 5,000-ft-radius circle from the center of the previously abandoned North Anna Unit 3 containment. ESP, App. A, at A-2. This is the same as the exclusion area for the two existing nuclear units located on the NAPS site, and is the same as the exclusion area proposed in the COL application for Unit 3.

ODEC has sold to DVP its interest in the North Anna Unit 3 site (which is the same as the ESP Site). In addition, as the majority owner and licensed operator of Units 1 and 2, with authority to act as ODEC's agent with respect to these units, DVP also controls the remainder of NAPS site. Thus, DVP has control of the entire exclusion area.

B. Site Redress Plan

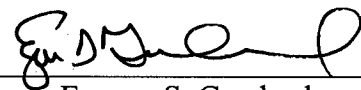
Transferring ODEC's interest in the North Anna Unit 3 Site to DVP requires no modification to the Site Redress Plan. DVP already controls the NAPS site, including the ESP Site, and thus has authority to perform those pre-construction activities allowed under NRC regulations, as well as the authority to perform such site redress as may be required to comply with the Site Redress Plan. As an electric utility as defined in 10 C.F.R. § 50.2, and as a company with operating revenues in excess of \$5 billion, DVP has the financial ability to perform site redress activities.

V. ENVIRONMENTAL ASSESSMENT

The transfer of the early site permit will not result in any significant environmental impact. Further, the NRC has determined that license transfers are categorically exempt from further environmental review. 10 C.F.R. § 51.22(c)(21).

VI. AFFIRMATION

I, Eugene S. Grecheck, being duly sworn, state that I am Vice President - Nuclear Development of Virginia Electric and Power Company that I am duly authorized to execute and file this application, and that the statements in the document are true to the best of my knowledge and belief.



Eugene S. Grecheck

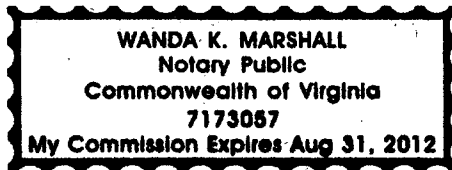
COMMONWEALTH OF VIRGINIA
COUNTY OF HENRICO

Acknowledged before me this 1st day of March, 2012.

My registration number is 7173057 and my Commission
expires: August 31, 2012.

Wanda K. Marshall
Notary Public

(SEAL)



Serial No. NA3-11-059
NAPS Early Site Permit Transfer

Enclosure 2

**Marked Up Pages of Early Site Permit No. ESP-003
to Support Transfer**

VIRGINIA ELECTRIC AND POWER COMPANY ~~AND OLD DOMINION ELECTRIC COOPERATIVE~~
DOMINION NUCLEAR NORTH ANNA, LLC

NORTH ANNA ESP SITE

DOCKET NO. 52-008

EARLY SITE PERMIT

Early Site Permit No. ESP-003

1. The U.S. Nuclear Regulatory Commission (the NRC or the Commission) has found the following:
 - A. The application for an early site permit (ESP) filed by ~~Dominion Nuclear North Anna, LLC (Dominion or the permit holder)~~ complies with the applicable requirements of the Atomic Energy Act of 1954, as amended, and the applicable rules and regulations of the Commission, and all required notifications to other agencies or bodies have been duly made.
 - B. Based on consideration of the site criteria contained in Title 10, Part 100, "Reactor Site Criteria," of the *Code of Federal Regulations* (10 CFR Part 100), a reactor, or reactors, having design characteristics that fall within the site characteristics and controlling parameters of the North Anna ESP Site can be constructed and operated without undue risk to the health and safety of the public.
~~holder~~
~~holders~~
 - C. There is reasonable assurance that the permit ~~holder~~ will comply with the regulations in 10 CFR Chapter I and the health and safety of the public will not be endangered.
~~holder~~
~~holders~~
 - D. Issuance of an ESP to the permit ~~holder~~ will not be inimical to the common defense and security or the health and safety of the public.
 - E. There is no significant impediment to the development of emergency plans, as referenced in 10 CFR 52.17(b)(1), "Contents of Applications," and 10 CFR 52.18, "Standards for Review of Applications." The descriptions of contacts and arrangements made with Federal, State, and local governmental agencies with emergency planning responsibilities, as set forth in 10 CFR 52.17(b)(3), are acceptable. Major features A, B, C, D, E, F, G, I, J, K, L, O, and P of the emergency plan are acceptable to the extent specified in NUREG-1835, "Safety Evaluation Report for an Early Site Permit (ESP) at the North Anna ESP Site," issued September 2005.
 - F. The issuance of this ESP, subject to the Environmental Protection Plan (EPP) and the conditions for the protection of the environment set forth herein, is in accordance with the National Environmental Policy Act of 1969, as amended, and with applicable sections of 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and

Related Regulatory Functions," as referenced by Subpart A, "Early Site Permits," of 10 CFR Part 52, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants," and all applicable requirements therein have been satisfied.

- G. The site redress plan incorporated into this permit demonstrates that there is reasonable assurance that redress carried out under the plan, if required, will achieve an environmentally stable and aesthetically acceptable site suitable for whatever nonnuclear use may conform with local zoning laws, and those activities described in the site redress plan will not result in any significant adverse environmental impact that cannot be redressed.

~~Virginia Electric and Power Company (Dominion) and Old Dominion Electric Cooperative (collectively, the permit holders)~~

2. Based on the foregoing findings, and pursuant to Sections 103 and 185 of the Atomic Energy Act of 1954, as amended, 10 CFR Part 52, the Initial Decision of the Atomic Safety and Licensing Board, dated June 29, 2007 (LBP-07-09), and the Commission Memorandum and Order dated November 20, 2007 (CLI-07-27), the NRC hereby issues Early Site Permit No. ESP-003 to Dominion Nuclear North Anna, LLC, for a site located in Louisa County, Virginia, approximately 40 miles north-northwest of Richmond, Virginia, and adjacent to existing North Anna Power Station Units 1 and 2, for additional nuclear power units, which may be modular, designed to operate at an individual power of no more than 4500 megawatts thermal and a combined power of no more than 9000 megawatts thermal, as described in the application and amendments thereto (the application) filed in this matter by the permit holder, and as described in the evidence received at the public hearing on that application.

3. This ESP shall be deemed to contain and is subject to the conditions specified in the Commission's regulations in 10 CFR Chapter I; is subject to all applicable provisions of the Atomic Energy Act of 1954, as amended, and the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the following conditions specified or incorporated below:

North Anna

- A. The characteristics of the ~~Dominion~~ ESP site set forth in Appendix A to this ESP are hereby incorporated into this ESP.
- B. The controlling values of parameters and design-basis accident source term plant parameters set forth in Appendix B to this ESP are hereby incorporated into this ESP.
- C. The combined license (COL) action items set forth in Appendix C to this ESP are hereby incorporated into this ESP. These COL action items identify certain matters that an applicant submitting an application that references this ESP shall address in the final safety analysis report (FSAR). These items constitute information requirements but are not the only acceptable set of information in the FSAR. An applicant may depart from or omit these items, provided that it identifies and justifies the departure or omission in the FSAR. In addition, these items do not relieve an applicant from any requirement in 10 CFR Chapter I that governs the application. After issuance of a construction permit (CP) or

COL, these items are not requirements for the permit holder or licensee unless such items are included in a permit or license condition.

D. The values of plant parameters considered in the environmental review of the application and set forth in Appendix D to this ESP are hereby incorporated into this ESP.

E. The following conditions apply:

- (1) ~~An applicant for a CP or COL referencing this ESP shall execute an agreement providing for the applicant's control of the North Anna ESP site exclusion area and shall obtain all approvals required by State law in connection with that agreement before the commencement of construction of a nuclear power plant on the North Anna ESP site. The CP or COL applicant shall be deemed to control the North Anna ESP exclusion area if it obtains shared control of the exclusion area with the licensee or licensees of existing North Anna Units 1 and 2. [Deleted]~~

An applicant

- (2) ~~Applicants~~
An applicant for a CP or COL referencing this ESP for a second new unit shall use a dry cooling tower system to remove waste heat from the working fluid passed through the turbine/generator set during normal operation.

An applicant

- (3) ~~Applicants~~
An applicant for a CP or COL referencing this ESP shall ensure that any new unit's radioactive waste management systems, structures, and components, as defined in Regulatory Guide 1.143, "Design Guidance for Radioactive Waste Management Systems, Structures, and Components Installed in Light-Water-Cooled Nuclear Power Plants," for a future reactor include features to preclude accidental releases of radionuclides into potential liquid pathways.

An applicant

- (4) ~~Applicants~~
An applicant for a CP or COL referencing this ESP shall excavate weathered or fractured rock at the foundation level and replace it with lean concrete before the commencement of foundation construction for safety-related structures.

holder

- (5) ~~holders applicants applicant~~
The permit holder and an applicant for a CP or COL referencing this ESP shall not use an engineered fill with high compressibility and low maximum density, such as saprolite.

holder performs
holder

- (6) ~~holders perform holders~~
If the ESP holder performs an excavation for a safety-related structure, the ESP holder shall perform geologic mapping of such excavation, evaluate any unforeseen geologic features that are encountered, and notify the NRC no later than 30 days before any such excavation is open for NRC examination and evaluation. An
An applicant
~~Applicants~~ applicant for a CP or COL referencing this ESP shall perform geologic mapping of any excavation for a safety-related structure,

evaluate any unforeseen geologic features that are encountered, and notify the NRC no later than 30 days before any such excavation is open for NRC examination and evaluation.

- (7) ~~Applicants~~ ^{An applicant} for a CP or COL referencing this ESP shall improve Zone II saprolitic soils to reduce any liquefaction potential if safety-related structures are to be founded on them.

F. The activities and site redress plan specified in paragraphs F, G, H, and I below were reviewed and approved in accordance with the regulations in effect on September 25, 2003, and refer to the rules in effect at that time. The site redress plan set forth in Appendix E to this ESP is hereby incorporated into this ESP.

- (1) The ~~holders~~ ^{holder} of this ESP may perform the activities authorized by 10 CFR 52.25, "Extent of Activities Permitted," only insofar as the site redress plan describes such activities. The ~~holders~~ ^{holder} of this ESP may perform activities not described in the site redress plan only with prior NRC approval. A request to perform such activities shall describe how such activities will be redressed, and, if the request is granted, the site redress plan shall be deemed to include this additional description of site redress.
- (2) The ~~holders~~ ^{holder} of this ESP may change the site redress procedures set forth in the site redress plan in Appendix E without obtaining Commission approval provided that the changes do not decrease the effectiveness of the plan.
- (3) [Deleted]

G. [Deleted]

H. The ~~holders~~ ^{holder} of this ESP shall not perform any site preparation or preliminary construction activities authorized by 10 CFR 52.25 unless ^{holder obtains} ~~holders obtain~~ the certification required pursuant to Section 401 of the Federal Water Pollution Control Act from the Commonwealth of Virginia, or ~~obtain~~ ^{obtains} a determination by the Commonwealth of Virginia that no certification is required and ^{submits} ~~submit~~ the certification or determination to the NRC before commencement of any such activities.

I. The following conditions apply:

- (1) Any activities performed pursuant to 10 CFR 52.25 are subject to the conditions for the protection of the environment set forth in the EPP attached as Appendix F to this ESP.
- (2) Dominion shall conduct a comprehensive instream flow incremental methodology (IFIM) study, designed and monitored in cooperation and consultation with the Virginia Department of Game and Inland Fisheries (VDGIF) and the Virginia Department of Environmental Quality (VDEQ,) to address potential impacts of the proposed Units 3 and 4 on the fishes and other aquatic resources of Lake Anna and downstream waters. Development of the scope of work for the IFIM study shall begin in 2007, and the IFIM study shall be completed before issuance of a combined license (COL) for this project. Dominion agrees to consult with VDGIF and VDEQ regarding analysis and interpretation of the results of that study and to abide by surface water management, release, and instream flow conditions prescribed by VDGIF and VDEQ upon review of the completed IFIM study, and implemented through appropriate State or Federal permits or licenses.
- (3) The CP or COL applicant will conduct an IFIM study pursuant to the Coastal Zone Management Act consistency determination.

J. An applicant for a CP or COL referencing this ESP shall develop an EPP for construction and operation of the proposed reactor and include the EPP in the application. The portion of the EPP directed to operation shall include any environmental conditions derived in accordance with 10 CFR 50.36b, "Environmental Conditions."

- ~~holder~~
~~holders~~ ~~are is~~
4. The ~~holder~~ of this ESP is subject to the requirements of 10 CFR Part 21, "Reporting of Defects and Noncompliance," as of the date of issuance of this ESP.
 5. This ESP is effective as of its date of issuance and shall expire at midnight on November 27, 2027.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

R.W. Borchardt, Director
Office of New Reactors

Appendix E: Site Redress Plan

1. Site Redress

This section describes early site permit (ESP) site preparation activities that might occur after the U.S. Nuclear Regulatory Commission (NRC) issues an ESP. This section also describes the site redress plan that would be implemented if those site preparation activities were performed but the ESP then expired before being referenced in a combined license (COL) application.

1.1 Description of Site Preparation Activities

was submitted

The ~~Dominion Nuclear North Anna, LLC (Dominion)~~ submitted the site redress plan pursuant to Title 10, Section 52.17(c) of the *Code of Federal Regulations* (10 CFR 52.17(c)) to allow the ~~holders~~ of the ESP ~~Dominion~~ to perform, after being granted the ESP, the site preparation activities for new nuclear units at the ESP site allowed by 10 CFR 50.10(e)(1).

The site preparation activities that ~~Dominion~~ may perform include the following:

- preparation of the site for construction of the facility (including such activities as clearing, grading, construction of temporary access roads, and preparation of borrow areas)
- installation of temporary construction support facilities (including items such as warehouse and shop facilities, utilities, concrete mixing plants, docking and unloading facilities, and construction support buildings)
- excavation for facility structures
- construction of service facilities (including items such as roadways, paving, railroad spurs, fencing, exterior utility and lighting systems, switchyard interconnects, and sanitary sewage treatment facilities)
- construction of structures, systems, and components that do not prevent or mitigate the consequences of postulated accidents that could cause undue risk to the health and safety of the public, including but not limited to the following:
 - cooling towers
 - intake and discharge structures
 - circulating water lines
 - fire protection equipment
 - switchyard and onsite interconnections
 - microwave towers

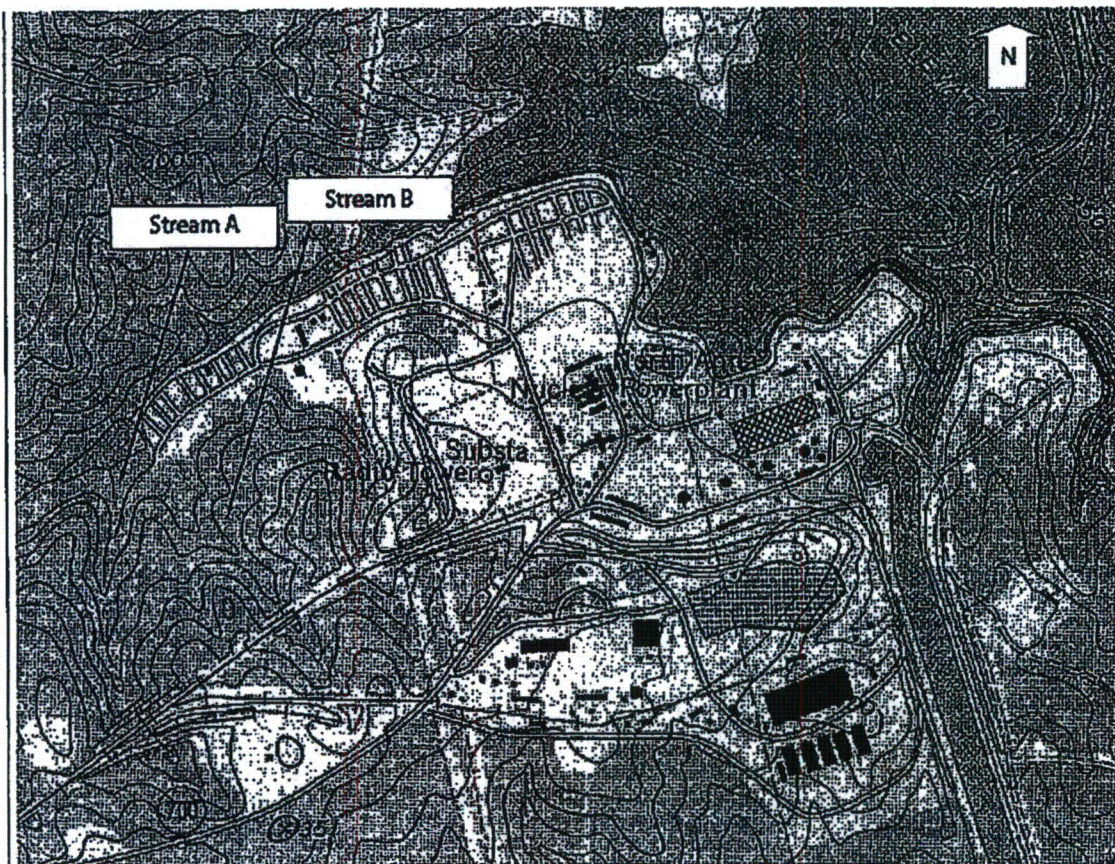


Figure 3 (Revision 9 ER Figure 1.2-1). Ephemeral Stream Locations
Source: Lake Anna West, VA, USGS 7.5 Minute Topographic Map, 1983.

1.2.3 NRC Notification upon Completion

The permit ~~holders~~ **holder** Dominion Nuclear North Anna, LLC, will notify the NRC upon completion of activities addressed by this site redress plan. The site would be made available for inspection, and any documentation that the NRC may require would be provided to confirm the satisfactory completion of the redress activities.