

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 3, 2020

10 CFR 50
10 CFR 51
10 CFR 54

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Serial No.: 20-298
NRA/DEA: R0
Docket Nos.: 50-280/281
License Nos.: DPR-32/37

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION (SPS) UNITS 1 AND 2
SUBSEQUENT LICENSE RENEWAL APPLICATION (SLRA)
ENVIRONMENTAL REVIEW
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
CONCERNING AQUATIC RESOURCES

By letter dated October 15, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18291A842), Virginia Electric and Power Company (Dominion Energy Virginia or Dominion) submitted an application for the subsequent license renewal of Renewed Facility Operating License Nos. DPR-32 and DPR-37 for Surry Power Station (SPS) Units 1 and 2, respectively, which included the Environmental Report (ER).

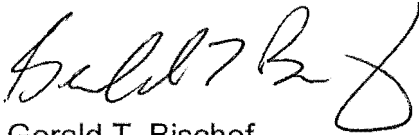
The NRC has been reviewing the SPS SLRA and has identified areas where additional information is needed to complete their review. In an August 4, 2020 letter [Agencywide Document Access and Management System (ADAMS) Accession No. ML20210M203], the NRC staff requested additional information regarding their review related to the ER.

These requests for additional information (RAIs) were discussed between Dominion and the NRC staff on July 20, 2020, and a date of no later than September 30, 2020 was mutually agreed upon for submittal of the RAI responses.

The purpose of this letter is to provide the information needed for the NRC to complete their review. Enclosure 1 to this letter provides the responses to the RAIs. Enclosure 2 includes information in support of the response to RAI 1.

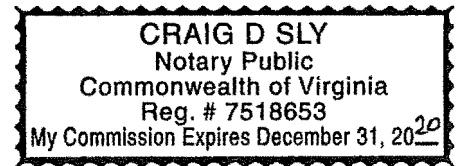
If you have any questions or require additional information regarding this submittal, please contact Mr. Paul Aitken at (804) 273-2818.

Sincerely,



Gerald T. Bischof
Senior Vice President – Nuclear Operations and Fleet Performance

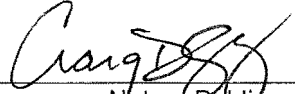
COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)



The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Gerald T. Bischof, who is Senior Vice President – Nuclear Operations and Fleet Performance of Virginia Electric and Power Company. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 3rd day of September, 2020.

My Commission Expires: 12/31/20



Notary Public

Commitments made in this letter: None

Enclosures:

1. Response to SLRA Environmental Review RAI Concerning Aquatic Resources
2. Information in Support of the Response to RAI 1

cc: (w/o Enclosure 2)

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Mr. Jonathan Lynn, Administrator
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Enclosure 1

RESPONSE TO SLRA ENVIRONMENTAL REVIEW RAI
CONCERNING AQUATIC RESOURCES

**Virginia Electric and Power Company
(Dominion Energy Virginia)
Surry Power Station Units 1 and 2**

Request for Additional Information Concerning Aquatic Resources

Background and Regulatory Basis

In April 2020, the U.S. Nuclear Regulatory Commission (NRC) issued a final Supplemental Environmental Impact Statement (FSEIS) concerning the proposed license renewal of Surry Power Station, Units 1 and 2 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20071D538). In accordance with its regulations, the NRC staff must supplement the FSEIS if the proposed action has not been taken and “[t]here are new and significant circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts” (10 CFR 51.92(a)).

In June 2020, Dominion Energy Virginia (Dominion) submitted to the Virginia Department of Environmental Quality certain information concerning impingement and entrainment of aquatic organisms in accordance with Section 316(b) of the Clean Water Act and 40 CFR 122.21(r). Because the NRC has not taken the action on the proposed license renewal, the NRC staff must consider whether the information contained in Dominion’s submittal could constitute new and significant information that requires the NRC to supplement its FSEIS.

RAI 1

Surry’s Virginia Pollutant Discharge Elimination System (VPDES) permit requires Dominion to submit to the Virginia Department of Environmental Quality (VDEQ) certain information specified in 40 CFR 122.21(r), including results of impingement and entrainment sampling, consideration of impingement and entrainment reduction technologies and operating modes, and the chosen method(s) of compliance with the Clean Water Act 316(b) Phase II impingement mortality Best Technology Available standard. Condition E.3. of the VPDES permit requires Dominion to submit this information to the VDEQ 270 days prior to the expiration of the permit (i.e., June 3, 2020). Please provide the NRC with a copy of the submittal to the VDEQ that addressed these requirements.

DOMINION RESPONSE

On June 2, 2020, information required to satisfy the 40 CFR §122.21 (r) application requirements for facilities with cooling water intake structures was submitted to the VDEQ by Dominion, in the form of submittals consistent with §122.21(r)(2)-(13) of Part 40 of the Code of Federal Regulations. This information was required to be submitted to VDEQ 270 days prior to the expiration of the VPDES permit. A copy of this information is included in Enclosure 2.

RAI 2

Dominion states throughout its Environmental Report (ADAMS Accession No. ML18291A834) that it considered new and significant information regarding the environmental impacts of license renewal, in accordance with 10 CFR 51.53(c)(3)(iv). Section E.5 of the Environmental Report (ER) specifically addresses this topic. Please provide a statement as to whether Dominion's June 2020 submittal to the VDEQ of the 40 CFR 122.21(r) impingement and entrainment information reflects new and significant information, and further, whether the information in the June submittal changes Dominion's environmental impact analyses or conclusions presented in the ER (including, but not limited to, Sections E.3.7.1, E.3.7.3, E.3.7.7, E.3.7.8 E.4.6.1, E4.6.6, and E5.0) or in Dominion's January 29, 2019, ER Supplement (ADAMS Accession No. ML19042A137).

DOMINION RESPONSE

Dominion has reviewed the information in the June 2, 2020 submittal provided to the VDEQ and has concluded that none of the information is new and significant. Also, none of the information in the June 2, 2020 submittal changes Dominion's environmental impact analyses or conclusions for aquatic resources presented in the ER or in Dominion's January 29, 2019 supplemental letter.