UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 22, 2021

Mr. Daniel G. Stoddard
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Blvd
Glen Allen, VA 23060-6711

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2, SUMMARY OF THE SUBSEQUENT LICENSE RENEWAL ENVIRONMENTAL AUDIT (EPID NUMBER: L-2020-SLE-0000) (DOCKET NUMBERS: 50-338 AND 50-339)

Dear Mr. Stoddard:

A review team consisting of staff from the U.S. Nuclear Regulatory Commission (NRC or the staff) participated in a remote audit during the week December 1, 2020, for North Anna Power Station, Units 1 and 2 (North Anna), as part of the subsequent license renewal application environmental review. The goal of the audit was to gather information to ensure that the environmental requirements for subsequent license renewal, as codified in Title 10 of the *Code of Federal Regulations* Part 51, were met. A letter dated November 19, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20322A052) was sent containing an audit plan.

An entrance meeting was held on December 1, 2020, to introduce participants and discuss audit logistics. During the remainder of the site audit, the NRC staff participated in smaller groups (breakout sessions) with Dominion representatives to address the audit needs identified in the audit plan. The enclosure to this letter provides a list of representatives from the NRC and Dominion who participated in the audit.

At the conclusion of the audit, the NRC staff summarized the status of the review with Dominion representatives during the exit meeting. Many of the NRC's questions identified in the audit plan or during the audit were answered through the conduct of the audit. Those that were answered but would be needed to be used in the site-specific Supplemental Environmental Impact Statement will be submitted (a) as supplement to the application, (b) as responses to requests for additional information (RAI), or (c) as responses to requests for confirmation of information (ML21012A341). Below is the list of the supplemental items that will be provided by the applicant:

1. [A] *2016-2017 Entrainment Characterization Study*, June 30, 2018, HDR Engineering, Inc.
2. [A] Email from B. Thomas to K. Roller, dated April 5, 2017, re: Application of the 40 CFR §125.92(c)(2)

Definition of “Closed‐Cycle Recirculating System” to North Anna Power Station.

3. [A] *Environmental Study of Lake Anna and the Lower North Anna River*, 2008, Electric Environmental Services.
4. [A] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2014, Electric Environmental Services.
5. [A] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2015, Electric Environmental Services.
6. [A] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2016, Electric Environmental Services.
7. [A] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2017, Dominion Energy Environment and Sustainability.
8. [A] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2018, Dominion Energy Environment and Sustainability.
9. [A-2] *Environmental Study of Lake Anna, Waste Heat Treatment Facility, and the Lower North Anna River*, 2019, Dominion Energy Environment and Sustainability.
10. [A-4] Letter from C. Taylor to T. Faha, dated October 30, 2014, re: Post 316(a) Monitoring Plan for Lake Anna, Waste Heat Treatment Facility, and North Anna River.
11. [A] Letter from R. Bronson to J. Williams, dated August 1, 2018, re: Waiver for Federally Listed and Endangered Species Surveys.
12. [SSH-4] Letter from R. Bronson to T. Effinger, dated August 14, 2020, re: Waiver for Federally Listed and Endangered Species Surveys.
13. [T-1] *Flora and Fauna Habitat Management on Transmission and Distribution Rights-of-Way in Virginia,* Guidance Document, August 26, 2013, Dominion Environmental Services.
14. [T-1] *Invasive Species Management*, Guidance Document, October 3, 2016, Dominion.
15. [GW] Correspondence from N Glucksberg to E Salling, dated June 4, 2020, re: Groundwater Protection Program 5-Year Hydrogeological Review, Haley & Aldrich, Inc.
16. [SW_Doc-1] Letter from J. Williams to S. Mackert, dated Oct 15, 2018, re: VPDES Permit No. VA0052451 Application for Permit Reissuance.
17. [SW_Doc-1] Letter from J. Williams to S. Mackert, dated Mar 12, 2019, re: VPDES Permit No. VA0052451: Application for Permit Reissuance – 316(b) 40 CFR §122.21 (r)(10)-(13).
18. [SW_Doc-2] Letter from J. Schneider to K. Roller, dated Sept 16, 2020, re: Operating License Renewal Response to Request Regarding Section 401 Certification.
19. Letter from C. Forbes to D. Heacock, dated July 1, 2002, re: Permit to Operate Auxiliary Boilers and Emergency Generators.
20. [NOI] Letter from J. Wilkinson to J. Jenkins, dated June 13, 2019, re: Amendment to State Operating Permit.

While the NRC staff did not identify any significant environmental issues during this audit, the staff indicated that the environmental review was ongoing and that any additional information necessary to support the review would be formally requested via the RAI process, during the course of the review. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC's Public Document Room staff at 800-397-4209 (or 301-415-4737) or via e-mail at pdr.resource@nrc.gov.

If you have any questions on this matter, please contact Mr. Tam Tran via e-mail at Tam.Tran@nrc.gov.

Sincerely,

R. B. Elliott Signed by Elliott, Robert on 01/22/21

Robert B. Elliott, Chief
Environmental Review License Renewal Branch,
Division of Rulemaking, Environment,
and Financial Support,
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 50-338 and 50-339

Enclosure: As stated

cc w/encl.: Distribution via Listserv

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ADAMS Accession No.:ML21025A340 ***concurrence via email**

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NAME	*TTran	*AWalker-Smith	RElliott	
DATE	01/21/2021	01/21/2021	01/22/2021	/ /

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NORTH ANNA POWER STATION, UNITS 1 AND 2
SUBSEQUENT LICENSE RENEWAL APPLICATION REVIEW
ENVIRONMENTAL AUDIT

Week of December 1, 2020

PARTICIPANT	ORGANIZATION
Tam Tran	U.S. Nuclear Regulatory Commission (NRC)
Robert Elliott	NRC
Briana Grange	NRC
Nancy Martinez	NRC
Kevin Folk	NRC
Bob Hoffman	NRC
Margie Kotzalas	NRC
Joe Giacinto	NRC
Phyllis Clark	NRC
Caroline Hsu	NRC
Keith Miller	Dominion Energy Virginia (Dominion)
Paul Phelps	Dominion
Paul Aiken	Dominion
Robert Page	Dominion
Bob Simmons	Dominion
Oula Shehab-Dandan	Dominion
Ken Roller	Dominion
Donald Hintz	Dominion
Erin Salling	Dominion
Michael Dougherty	Dominion
Daniel Madden	Dominion
Randy Markey	Dominion
Ken Holt	Dominion
Scott Miller	Dominion
Tim Buyer	Dominion
Bradley Pleasants	Dominion
JW Dunnavant	Dominion
Dwain Salling	Dominion
James Jenkins	Dominion
Austin Bauer	Dominion
Steven Machamer	Dominion
Jacob Klee	Dominion
Jeff Mock	Dominion
Neil Turner	Dominion
Kim Stapleton	ENERCON
Rachel Turney-Work	ENERCON
Mary Hoganson	ENERCON
Helen Robertson	ENERCON
Anubhav Gaur	ENERCON
Jerry Riggs	ENERCON

ENCLOSURE