Dominion Energy Services, Inc. 5000 Dominion Boulevard, Glen Allen, VA 23060 DominionEnergy.com



BY ELECTRONIC MAIL

Virginia Department of Environmental Quality Office of Water Supply P.O. Box 1105 Richmond VA 23218 withdrawal.permitting@deq.virginia.gov

RE: <u>Dominion North Anna Power Station; Minor Surface Water Withdrawal</u> VWP Permit 10-1496: 2023 Water Withdrawal Monitoring Report

Dear Ms. Moore:

In accordance with VWP Permit 10-1496 and the April 30, 2014 email from DEQ (attached), Dominion is submitting the 2023 Water Withdrawal Monitoring Report for the construction water withdrawal from Lake Anna. The attached withdrawal log provides the information required in permit special condition Part I.D.12. No water was withdrawn from Lake Anna during 2023. This report will be posted online on the North Anna Power Station website at the address indicated on the attached withdrawal log.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Oula Shehab-Dandan at (804) 310-4881. Sincerely,

J. N. Effiger	Jan 17, 2024
Thomas Effinger	Date
Director, Environmental	

Attachment

North Anna Unit 3 Construction Water Withdrawal (VWP 10-1496): December 2023 Monthly Withdrawal Report

								Pump				
				Lake	Maximum			Begin Pump	End Pump		Operator /	
		Withdrawal	Withdrawal	Elevation	Withdrawal			Value	Value	Withdrawal	Data	
Month	Day	Start Time	End Time	(ft msl)	(gallons)	Latitude	Longitude	(gallons)	(gallons)	(gallons)	Recorder	Method Used
December*						38, 03, 48 N	77, 47, 35 W					
Total										0		

^{*}No withdrawal from Lake Anna occurred in 2023. Consequently, the largest single day withdrawal during 2023 was 0 million gallons, which occurred during every month of the calendar year.

Report posted online at https://www.dominionenergy.com/company/making-energy/nuclear/north-anna-power-station

Monthly Withdrawal (Gallons)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
January	0	13,700	0	0	0	0	0	0	0	0	0	0	0
February	0	16,700	33,500	0	0	0	0	0	0	0	0	0	0
March	0	42,700	9,700	0	0	0	0	0	0	0	0	0	0
April	0	44,200	8,400	0	0	0	0	0	0	0	0	0	0
May	0	11,100	12,900	0	0	0	0	0	0	0	0	0	0
June	27,300	40,000	6,500	0	0	0	0	0	0	0	0	0	0
July	139,700	19,200	0	0	0	0	0	0	0	0	0	0	0
August	95,000	11,500	0	0	0	0	0	0	0	0	0	0	0
September	59,500	16,300	8,000	0	0	0	0	0	0	0	0	0	0
October	63,200	17,600	0	0	0	0	0	0	0	0	0	0	0
November	55,300	15,400	0	0	0	0	0	0	0	0	0	0	0
December	16,300	0	0	0	0	0	0	0	0	0	0	0	0
Annual Total	456,300	248,400	79,000	0	0	0	0	0	0	0	0	0	0

Monthly Withdrawal (Million Gallons)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
January	0	0.0137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
February	0	0.0167	0.0335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
March	0	0.0427	0.0097	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
April	0	0.0442	0.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
May	0	0.0111	0.0129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
June	0.0273	0.0400	0.0065	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
July	0.1397	0.0192	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
August	0.0950	0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
September	0.0595	0.0163	0.0080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
October	0.0632	0.0176	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
November	0.0553	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
December	0.0163	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Annual Total	0.4563	0.2484	0.0790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Kenneth Roller (Services - 6)

From:

Dooley, Amy (DEQ) [Amy.Dooley@deq.virginia.gov]

Sent:

Wednesday, April 30, 2014 9:00 AM

To:

Kenneth Roller (Services - 6) NRO VWPP Program

Cc: Subject:

Response to inquiry regarding monthly water withdrawal reporting for VWP Permit No.

10-1496; Part II Construction Wtr Withdrawal

Good morning Mr. Roller,

Thank you for your inquiry regarding clarification of your water withdrawal reporting requirements. Based on our telephone conversation April 28, 2014, you indicated that the first phase of construction activities has concluded and the next phase would not commence for an extended period of time. During the time period when construction would not be occurring, the water withdrawal associated with construction would also not be occurring.

Permit Condition Part I D.11 indicates that "on each day that pumping occurs, the permittee must monitor and record the following, for each pump: a) date and time; b) identity of the pump operator and data recorder, c) total amount of water withdrawn each day; and d) elevation of Lake Anna." Permit Condition Part I D.12 requires that a water withdrawal monitoring report be submitted to DEQ 20 days following a monthly monitoring period. Based on these conditions, if pumping has not occurred during the month, a water withdrawal monitoring report would not be generated or required. However, an annual report would be required to be submitted by January 31 of each year with all the information outlined in Permit Condition Part I D.12, including the largest single day withdrawal volume (million gallons) that occurred in the year and the month in which it occurred. DEQ would also request that the permittee notify us 10 days prior to resuming the water withdrawal.

Please let me know if you have any questions.

Regards, Amy Dooley

Department of Environmental Quality Northern Regional Office Virginia Water Protection Permit Program 13901 Crown Court Woodbridge, VA 22193

Phone: 703-583-3905 Fax: 703-583-3821



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 629 East Main Street, Richmond, Virginia 23219

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Fax: 804-698-4019 - TDD (804) 698-4021

www.deq.virginia.gov

David K. Paylor Director

(804) 698-4020 1-800-592-5482

Molly Joseph Ward Secretary of Natural Resources

April 1, 2016

Ms. Diane G. Leopold Virginia Electric & Power Company dba Dominion Virginia Power 5000 Dominion Boulevard Glen Allen, VA 23060

RE: VWP Individual Permit Number 10-1496

Dominion-North Anna Power Station Louisa County, Virginia

Notice of permit transfer

Dear Ms. Leopold:

The Virginia Department of Environmental Quality (DEQ) has recently transferred the management of the above-referenced permit to the DEQ's Office of Water Supply. Therefore, all future correspondence relating to this permit, any required reporting activities, and any compliance issues or concerns should now be submitted to the attention of the Water Withdrawal Permit Manager at the DEQ office stated below:

Virginia Dept. of Environmental Quality Office of Water Supply PO Box 1105 Richmond VA 23218

If you have any questions regarding this letter or permit, please contact me at 804-698-4051 or by email at Shana. Moore@DEQ. Virginia.gov.

Respectfully,

Shana Moore

Water Withdrawal Permitting

cc: Robert Hare, Dominion Virginia Power - VIA EMAIL