

V.C. Summer Nuclear Station
Bradham Blvd & Hwy 215, Jenkinsville, SC 29065
Mailing Address:
P.O. Box 88, Jenkinsville, SC 29065
DominionEnergy.com



May 17, 2022

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Serial No.: 22-161
VCS-LIC/TS R0
Docket No. 50-395
License No. NPF-12

DOMINION ENERGY SOUTH CAROLINA, INC. (DESC)
VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1
REPORTING RELATED TO NATIONAL POLLUTANT DISCHARGE ELIMINATION
SYSTEM (NPDES) PERMITS AND STATE CERTIFICATIONS

DESC hereby submits a copy of the South Carolina Department of Health and Environmental Control (SCDHEC) Consent Order 22-024-W for NPDES Permit SCG646072 in accordance with VCSNS Operating License Appendix B Section 3.2, Reporting Related to the NPDES Permits and State Certifications. Consent Order 22-024-W covers the violation for not performing Total Residual Chlorine (TRC) analyses by a certified laboratory. The notice of violation for not performing TRC analyses by a certified laboratory as required by South Carolina laboratory certification regulations was provided to the Nuclear Regulatory Commission in a letter dated January 20, 2022 (ML22020A416).

In addition, DESC is providing copies of environmental violations concerning permit limits for NPDES Permits SC0030856 and SCG646072. The violations for NPDES Permit SC0030856 were reported to the SCDHEC via electronic Discharge Monitoring Reports (DMRs) for permit exceedances of the pH Instantaneous Maximum in December 2021 and the Total Suspended Solids Monthly Average in March 2022. The violations for NPDES Permit SCG646072 were reported to SCDHEC via electronic DMRs for permit exceedances of TRC Monthly Average and Daily Maximum in January 2022. The notice of violation for the January 2022 TRC permit exceedances is also included in this submittal.

Should you have any questions, please call Mr. Michael Moore at (803) 345-4752.

Sincerely,

A handwritten signature in black ink, appearing to read "George A. Lippard", written over a horizontal line.

George A. Lippard
Site Vice President
V.C. Summer Nuclear Station

Enclosures

Commitments contained in this letter: None

cc:

G. J. Lindamood – Santee Cooper
L. Dudes – NRC Region II
G. Miller – NRC Project Mgr.
NRC Resident Inspector

**VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) Unit 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12**

Enclosures

Consent Order 22-024-W

**Permit Number SC0030856 Discharge Monitoring Report DMR Period
12/1/2021 – 12/31/2021**

**Permit Number SC0030856 Discharge Monitoring Report DMR Period
3/1/2022 – 3/31/2022**

**Permit Number SCG646072 Discharge Monitoring Report DMR Period
1/1/2022 – 1/31/2022**

Notice of Violation AI-0005261 Permit Number SCG646072 v2.1



April 21, 2022

FIRST CLASS and
CERTIFIED MAIL - 9214 8969 0099 9790 1421 4650 48

Mr. George Lippard, VC Summer Site Vice President
VC Summer Nuclear Station Off-Site Water System
PO Box 88, Mail Code 800
Jenkinsville, SC 29065

Re: **Consent Order 22-024-W**
VC Summer Nuclear Station Off-Site Water System
NPDES Permit SCG646072
Fairfield County

Dear Mr. George Lippard:

Enclosed, please find fully executed Consent Order 22-024-W for the above referenced facility. The Order is considered executed on April 21, 2022.

If you have any questions, please contact me at (803) 898-4262 or by e-mail at taylorhe@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink that reads 'Harold Taylor'.

Harold Taylor III, Enforcement Officer
Bureau of Water - WP Control Division
WP Compliance and Enforcement Section

cc: Jacob Oblander, SCDHEC, WP Compliance
Kristian Tucker, SCDHEC, WP Compliance
SCDHEC Midlands Regional EQC Office
Kayse Jarman, SCDHEC, Water Facilities Permitting
Adam Cannon, SCDHEC, WP Enforcement Manager

Attachment as stated

**THE STATE OF SOUTH CAROLINA
BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**

**IN RE: DOMINION ENERGY SC, INC
VC SUMMER NUCLEAR STATION OFF-SITE WATER SYSTEM
FAIRFIELD COUNTY**

CONSENT ORDER

22 - 024 - W

The South Carolina Department of Health and Environmental Control (Department) and Dominion Energy SC, Inc. (Dominion) have agreed to the issuance of this Consent Order to include the following Findings of Fact and Conclusions of Law.

FINDINGS OF FACT

1. Dominion owns and is responsible for the proper operation and maintenance of the VC Summer Nuclear Station Off-site Water System (VC Summer WWTF) located at 400 Brabham Boulevard, in Fairfield County, South Carolina. VC Summer WWTF serves Dominion's VC Summer Nuclear Station.
2. The Department issued the National Pollutant Discharge Elimination System (NPDES) Permit SCG646072, authorizing VC Summer WWTF to discharge filter backwash to the Monticello Reservoir in accordance with effluent limitations, monitoring requirements and other permit conditions contained therein. The NPDES Permit became effective November 2, 2017 and has an expiration date of December 30, 2020. The NPDES Permit is administratively continued due to an application for renewal of the permit being submitted at least one hundred eighty (180) days before the expiration of the permit.

3. On November 9, 2021, Dominion emailed Department staff regarding operations at VC Summer WWTF. Dominion explained the laboratory servicing VC Summer WWTF has not been certified to perform total residual chlorine (TRC) since June 2018. Dominion explained the laboratory is in the process of being recertified for TRC, and until recertified, Dominion will use a certified vendor laboratory for TRC analysis.
4. On November 18, 2021, Department staff issued a Notice of Violation (NOV) to Dominion for failure to use a South Carolina state certified laboratory for sampling and analysis of TRC for the June 2018 through September 2019, December 2019 through March 2020, October 2020, December 2020, February 2021, June 2021, and July 2021 monthly monitoring periods. The certified copy was delivered on November 22, 2021. No response was required because Dominion submitted an explanation of the violation November 9, 2021.
5. On January 6, 2022, Department staff issued a Notice of Alleged Violation and Enforcement Conference (NOAV/EC) to Dominion via first class and certified mail. The NOAV/EC was delivered January 10, 2022.
6. On January 24, 2022, Department staff held an enforcement conference with Dominion. Dominion explained the state certification for TRC was purposefully terminated, but the termination of the certification was not communicated with laboratory personnel for Dominion. Dominion further explained laboratory staff were regularly performing quality control testing while in violation and since identification of the violations, Dominion has been using a South Carolina state certified contract laboratory for TRC measurements. The issuance of a Consent Order containing a civil penalty was discussed.

CONCLUSIONS OF LAW

Based upon the above Findings of Fact, the Department reaches the following Conclusions of Law:

1. Dominion violated the Pollution Control Act, S.C. Code Ann. § 48-1-110(d), Water Pollution Control Permits Regulation S.C. Code Ann. Regs. 61-9.122.41(a) and (e)(1), and State Environmental Laboratory Certification Regulations, S.C. Code Ann. Regs 61-68, by failing to submit to the Department analytical results for TRC from a South Carolina certified laboratory as required by NPDES Permit SCG646072.
2. The Pollution Control Act, S.C. Code Ann. § 48-1-330, provides for a civil penalty not to exceed ten thousand dollars (\$10,000.00) per day of violation for any person violating the Act or any rule, regulation, permit, permit condition, final determination, or Order of the Department.

NOW, THEREFORE, IT IS ORDERED, CONSENTED TO AND AGREED, pursuant to the Pollution Control Act, S.C. Code Ann. § 48-1-50 and 48-1-100, that Dominion shall:

1. Within fifteen (15) days of the execution date of this Order, submit to the Department documentation verifying Dominion has contracted with a South Carolina certified laboratory to perform sampling and analysis for TRC.
2. Pay to the Department, a civil penalty in the amount of four thousand eighty dollars (\$4,080.00) within thirty (30) days of the execution date of this Order.

THE PARTIES FURTHER STIPULATE that Dominion shall pay a stipulated penalty in the amount of four thousand eighty dollars (\$4,080.00) should it fail to comply with any requirement

pursuant to this Consent Order. Such penalties shall be due and payable upon written notice to Dominion. The Department's determination that a requirement has not been met shall be final. All penalties due under this paragraph shall be made payable to the South Carolina Department of Health and Environmental Control within thirty (30) days of notification by the Department. The stipulated penalties set forth above shall be in addition to any other remedies or sanctions which may be available to the Department by reason of Dominion's failure to comply with any requirement of this Order.

PURSUANT TO THE ORDER, communications regarding this Order and its requirements, including civil penalty payments, shall be address as follows:

Harold Taylor III, Enforcement Project Manager
SCDHEC, Bureau of Water – WP Enforcement Section
2600 Bull Street
Columbia, South Carolina 29201

The Order number should be included on all checks remitted as payment of the civil penalty.

IT IS FURTHER ORDERED AND AGREED that failure to comply with any provision of this Order shall be grounds for further enforcement action pursuant to the Pollution Control Act, S.C. Code Ann. § 48-1-330, to include the assessment of additional civil penalties.

IT IS FURTHER ORDERED AND AGREED that this Consent Order governs only the civil liability to the Department for civil sanctions arising from the matters set forth herein and constitutes the entire agreement between the Department and Dominion Energy SC, Inc, with respect to the resolution and settlement of these civil matters. The parties are not relying upon any representations, promises, understandings or agreements except as expressly set forth within this Order.

THE PARTIES UNDERSTAND that the “execution date” of the Order is the date the Order is signed by the Director of Environmental Affairs.

[Signature Page Follows]

FOR THE SOUTH CAROLINA DEPARTMENT
OF HEALTH AND ENVIRONMENTAL CONTROL

Myra C. Reece
Myra C. Reece
Director of Environmental Affairs

Date: 4/21/2022

Jennifer R. Hughes
Jennifer R. Hughes, Chief
Bureau of Water

Date: 4-18-2022

Rob Devlin
Rob Devlin, Assistant Chief
Bureau of Water

Date: 4-18-2022

Reviewed By:

Lee Miller
Attorney
Office of General Counsel

Date: 4-19-22

WE CONSENT:

VC SUMMER NUCLEAR STATION OFF-SITE WATER SYSTEM

George Lippard
George Lippard, VC Summer Site Vice President

Date: 4/12/22

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 12/1/2021 - 12/31/2021

Limit Set: 06B1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	98 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	19 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.25800	0.25800	MGD	*****	*****	*****	*****	0	Monthly	INSTANTANEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTANEOUS IN

DMR Instructions:

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

TSS Method SM 2540D-2011, PQL 1.0 mg/L, number of times results below PQL = one.

Limit Set: 0071

No Discharge:

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER

Permit Number: SC0030856 v3.5

NUCLEAR STATION

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	*****	3.5	3.5	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.0933	0.144900	MGD	*****	*****	*****	*****	0	Three per Discharge	INSTANTA NEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN

DMR Instructions:

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

Limit Set: 0011

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Temperature (F) (00011)	SAMPLE MEASUREMENT	*****	*****	*****	*****	76.70	94.63	deg F	0	Continuous	Continuous

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

Permit Number: SC0030856 v3.5

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Page 2 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER

Permit Number: SC0030856 v3.5

NUCLEAR STATION

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Effluent Gross (1) Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	113 Daily Maximum			Continuou s	Continuo us
Temperature (F) (00011) Intake from Stream (7) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	*****	57.23	58.49	deg F	0	Continuou s	Continuo us
	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Continuou s	Continuo us
pH (00400) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	7.11	*****	7.11	SU	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	8.5 Instantaneous Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	492.47	492.47	MGD	*****	*****	*****	*****	0	Continuou s	Continuo us
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Continuou s	Continuo us
BROMIDE (71870) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Monthly	Grab

DMR Instructions: MLOC 1 -DISCHARGE TEMPERATURE = DISCHARGE SAMPLES SHALL BE COLLECTED AFTER THE COMBINATION OF ALL WASTE STREAMS BUT PRIOR TO MIXING WITH THE RECEIVING STREAM. MLOC 7 - INTAKE TEMP = SHALL BE MONITORED ON THE INLET SIDE OF THE MAIN CONDENSER.

DMR Comments: Bromide Method EPA 300.0, PQL 0.5 mg/L, number of times results below PQL = one.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

Permit Number: SC0030856 v3.5

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Page 3 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER

Permit Number: SC0030856 v3.5

NUCLEAR STATION

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

Limit Set: 0041

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.9	2.9	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.189324	0.189324	MGD	*****	*****	*****	*****	0	Monthly	Calculation
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	Calculation

DMR Instructions: FLOW = SHALL BE THE SUM OF THE FLOWS FROM EACH CONTINUOUSLY MONITORED STEAM GENERATOR BLOWDOWN LINE.

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

Limit Set: 0141

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH (00400) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	8.36	*****	8.8	SU	1	Twice per Month	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	DATE		
TYPED OR PRINTED					YEAR	MO	DAY

Permit Number: SC0030856 v3.5

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Page 4 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	8.5 Instantaneous Maximum			Monthly	Grab
Total Phosphorus (as P) (00665)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.29	0.29	mg/L	0	Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Monthly	Grab
Lab ID: 23105											
Flow (50050)	SAMPLE MEASUREMENT	0.135732	0.350045	MGD	*****	*****	*****	*****	0	Continuo s	Continuo us
Effluent Gross (1)	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Continuo s	Continuo us
Lab ID: 20001											

DMR Instructions:

DMR Comments: COMMENT and EXPLANATION of EXCEEDANCE for OUTFALL 014

A grab compliance pH sample of 8.8 su was obtained from Outfall 014 and a backup aliquot had the same results from the December 3, 2021 NPDES sampling event. Because the sample results were not indicative of the discharged stream, Chemistry personnel suspected the initial and backup samples were contaminated. Upon investigation, it was determined that the telescoping sample cup was used to check the water quality at Outfall 006B during cleanup efforts for the November 16, 2021 transformer oil spill. VCS believes the initial pH sample result is due to cross contamination introduced by using the same telescoping sample cup to obtain the monthly sample for Outfall 014.

A new telescoping sample cup was used an hour later to obtain another sample and another aliquot using what was analyzed using another pH meter. The first sample with the new apparatus was 8.36 su and the second aliquot result was 8.39 su. This occurrence has been documented in the station's corrective action program (CR-21-03611).

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 12/1/2021 - 12/31/2021

Since VCS cannot invalidate the original 8.8 su pH due to the analytical methodology, VCS is reporting this value as an exceedance of the Daily Maximum Limit of 8.5 su. However, the second compliance sample result of 8.36 su is being reported as the monthly minimum value since pH values cannot be averaged. The result is within the permit limit of 6.0 su. VCS is not reporting the second aliquots as these were taken for method verification purposes consistent with SCDHEC guidance.

DMR Value Comments:

- pH, Effluent Gross (1), Limit: 8.5 Instantaneous Maximum, Reported Value: 8.8, Comment: Suspected sample container cross contamination. See General Report Comments for full details.

Limit Set: 0031

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH (00400) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	7.42	*****	7.86	SU	0	Once per Discharge	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	9.0 Instantaneous Maximum			Monthly	Grab
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Twice per Month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 10120	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Twice per Month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED			AREA CODE NUMBER	YEAR MO DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	0.004181	0.004200	MGD	*****	*****	*****	*****	0	Once per Discharge	ESTIMATE ES
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	ESTIMATE ES

DMR Instructions:

DMR Comments: Total Suspended Solids Method SM2540D, PQL 1.0 mg/L, number of times result less than PQL = two.

Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = two.

Limit Set: 0051

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD - 5 DAY (20 DEGREES C) (00310) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	9.8	9.8	mg/L	0	Monthly	24-Hr Composite
Lab ID: 40572	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	45 Daily Maximum			Monthly	24-Hr Composite
Total Suspended Solids (00530) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	6.7	6.7	mg/L	0	Monthly	24-Hr Composite
Lab ID: 40572	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	45 Daily Maximum			Monthly	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	TELEPHONE NUMBER	DATE		
TYPED OR PRINTED					YEAR	MO	DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.00700	0.00700	MGD	*****	*****	*****	*****	0	Monthly	INSTANTA NEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN
E. COLI (MPN/100ML) (51040) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	<10	<10	#/100mL	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	126 30 Day Average Geometric	349 Daily Maximum			Monthly	Grab

DMR Instructions:

DMR Comments: (none)

Limit Set: 06A1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

Permit Number: SC0030856 v3.5

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Page 8 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Lab ID: 23105	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	0.016500	0.016500	MGD	*****	*****	*****	*****	0	Monthly	INSTANTA NEOUS IN
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN

DMR Instructions:

DMR Comments: TSS Method SM2540D-2011, PQL=1mg/L, number of times results below PQL = one

Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

Limit Set: 0081

No Discharge: Y

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	DATE		
TYPED OR PRINTED							

Permit Number: SC0030856 v3.5

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Page 9 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER

Permit Number: SC0030856 v3.5

NUCLEAR STATION

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 12/1/2021 - 12/31/2021

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Total Copper (01042) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	1.0 Monthly Average	1.0 Daily Maximum			Monthly	Grab
Total Iron (01045) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	1.0 Monthly Average	1.0 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	MGD	*****	*****	*****	*****		Monthly	INSTANTANEOUS IN
Lab ID:	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTANEOUS IN

DMR Instructions: COPPER & IRON - SAMPLING IS REQUIRED ONLY WHEN CHEMICAL METAL CLEANING WASTES ARE DISCHARGED. REPORT 'CONDITONAL' ON THE DMR FORM WHEN CHEMICAL METAL CLEANING WASTES ARE NOT DISCHARGED DURING THE MONITORING PERIOD.

DMR Comments: (none)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	TELEPHONE	DATE		
TYPED OR PRINTED						YEAR	MO	DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5

DMR Period: 3/1/2022 - 3/31/2022

Limit Set: 06B1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	32.6	32.6	mg/L	1	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	98 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	5.4	5.4	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	19 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.011800	0.011800	MGD	*****	*****	*****	*****	0	Monthly	INSTANTANEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTANEOUS IN

DMR Instructions:

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

TSS - Analysis of a grab sample of 06B on 3/7 yielded a TSS value of 32.6 ppm. Delays in receiving and reviewing the vendor data resulted in a missed opportunity for additional samples during the month, yielding an exceedance of the monthly average limit of 30mg/l. This higher than normal TSS value is believed to be an anomaly as results from the previous 4 years do not exceed 15 ppm. In addition, the RPD between the sample/duplicate or matrix spike/spike duplicate was not within control limits due to matrix interference.

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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

Permit Number: SC0030856 v3.5

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Page 1 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 3/1/2022 - 3/31/2022

A follow-up analysis of a grab sample of 06B on 4/4 yielded 6.7 ppm.

DMR Value Comments:

- Total Suspended Solids, Effluent Gross (1), Limit: 30 Monthly Average, Reported Value: 32.6, Comment: An explanation for this higher than normal TSS value is noted in the General Report Comments Section.

Limit Set: 0071

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	3	mg/L	0	Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Lab ID: 20001											
Oil and Grease (00556)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Lab ID: 23105											
Flow (50050)	SAMPLE MEASUREMENT	0.090000	0.090000	MGD	*****	*****	*****	*****	0	Monthly	INSTANTA NEOUS IN
Effluent Gross (1)	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN
Lab ID: 20001											

DMR Instructions:

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.		TELEPHONE	DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5

DMR Period: 3/1/2022 - 3/31/2022

Limit Set: 0011

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Temperature (F) (00011) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	83.56	87.06	deg F	0	Continuou s	Continuo us
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	113 Daily Maximum			Continuou s	Continuo us
Temperature (F) (00011) Intake from Stream (7)	SAMPLE MEASUREMENT	*****	*****	*****	*****	58.24	61.39	deg F	0	Continuou s	Continuo us
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Continuou s	Continuo us
pH (00400) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	7.71	*****	7.71	SU	0	Monthly	Grab
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	8.5 Instantaneous Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	738.72	738.72	MGD	*****	*****	*****	*****	0	Continuou s	Continuo us
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Continuou s	Continuo us
BROMIDE (71870) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
Lab ID: 23105	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	TELEPHONE NUMBER	DATE YEAR MO DAY		
TYPED OR PRINTED							

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 3/1/2022 - 3/31/2022

DMR Instructions: MLOC 1 -DISCHARGE TEMPERATURE = DISCHARGE SAMPLES SHALL BE COLLECTED AFTER THE COMBINATION OF ALL WASTE STREAMS BUT PRIOR TO MIXING WITH THE RECEIVING STREAM. MLOC 7 - INTAKE TEMP = SHALL BE MONITORED ON THE INLET SIDE OF THE MAIN CONDENSER.

DMR Comments: Bromide Method EPA 300.0, PQL 1.0 mg/L, number of times results below PQL = one.

Limit Set: 0041

No Discharge: Y

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Lab ID:	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	MGD	*****	*****	*****	*****		Monthly	Calculation
Lab ID:	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	Calculation

DMR Instructions: FLOW = SHALL BE THE SUM OF THE FLOWS FROM EACH CONTINUOUSLY MONITORED STEAM GENERATOR BLOWDOWN LINE.

DMR Comments: (none)

Limit Set: 0141

No Discharge:

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE AREA CODE	NUMBER	DATE YEAR MO DAY		
TYPED OR PRINTED							

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 3/1/2022 - 3/31/2022

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH (00400) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	7.48	*****	7.48	SU	0	Monthly	Grab
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	8.5 Instantaneous Maximum			Monthly	Grab
Total Phosphorus (as P) (00665) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.2	2.2	mg/L	0	Monthly	Grab
Lab ID: 23105	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	0.0675249	0.1240239	MGD	*****	*****	*****	*****	0	Continuous	Continuous
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Continuous	Continuous

DMR Instructions:

DMR Comments: (none)

Limit Set: 0031

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH (00400) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	6.96	*****	7.86	SU	0	Once per Discharge	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED			AREA CODE NUMBER	YEAR MO DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER

Permit Number: SC0030856 v3.5

NUCLEAR STATION

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 3/1/2022 - 3/31/2022

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		6.0 Instantaneous Minimum	*****	9.0 Instantaneous Maximum			Monthly	Grab
Total Suspended Solids (00530) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Twice per Discharge	Grab
Lab ID: 20001	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Twice per Month	Grab
Lab ID: 10120	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	0.004200	0.004200	MGD	*****	*****	*****	*****	0	Once per Discharge	ESTIMATE ES
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	ESTIMATE ES

DMR Instructions:

DMR Comments: Total Suspended Solids Method SM2540D, PQL 1.0 mg/L, number of times result less than PQL = two.

Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = two.

Limit Set: 0051

No Discharge:

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

Permit Number: SC0030856 v3.5

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Page 6 of 9

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 3/1/2022 - 3/31/2022

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD - 5 DAY (20 DEGREES C) (00310) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.6	2.6	mg/L	0	Monthly	24-Hr Composit e
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	45 Daily Maximum			Monthly	24-Hr Composit e
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	5.1	5.1	mg/L	0	Monthly	24-Hr Composit e
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	45 Daily Maximum			Monthly	24-Hr Composit e
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.005000	0.005000	MGD	*****	*****	*****	*****	0	Monthly	INSTANTA NEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN
E. COLI (MPN/100ML) (51040) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	<10	<10	#/100mL	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	126 30 Day Average Geometric	349 Daily Maximum			Monthly	Grab

DMR Instructions:

DMR Comments: (none)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	DATE		
TYPED OR PRINTED					YEAR	MO	DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 3/1/2022 - 3/31/2022

Limit Set: 06A1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530) Effluent Gross (1) Lab ID: 40572	SAMPLE MEASUREMENT	*****	*****	*****	*****	1.2	1.2	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556) Effluent Gross (1) Lab ID: 23105	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0	mg/L	0	Monthly	Grab
	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1) Lab ID: 20001	SAMPLE MEASUREMENT	0.016500	0.016500	MGD	*****	*****	*****	*****	0	Monthly	INSTANTANEOUS IN
	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTANEOUS IN

DMR Instructions:

DMR Comments: Oil & Grease Method EPA 1664B, PQL 5.0 mg/L, number of times results below PQL = one.

Limit Set: 0081

No Discharge: Y

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	DATE YEAR MO DAY		
TYPED OR PRINTED							

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SC0030856 v3.5
DMR Period: 3/1/2022 - 3/31/2022

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	30 Monthly Average	100 Daily Maximum			Monthly	Grab
Oil and Grease (00556)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	15 Monthly Average	20 Daily Maximum			Monthly	Grab
Total Copper (01042)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	1.0 Monthly Average	1.0 Daily Maximum			Monthly	Grab
Total Iron (01045)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	mg/L		Monthly	Grab
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	1.0 Monthly Average	1.0 Daily Maximum			Monthly	Grab
Flow (50050)	SAMPLE MEASUREMENT	*****	*****	MGD	*****	*****	*****	*****		Monthly	INSTANTA NEOUS IN
Effluent Gross (1)	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Monthly	INSTANTA NEOUS IN

DMR Instructions: COPPER & IRON - SAMPLING IS REQUIRED ONLY WHEN CHEMICAL METAL CLEANING WASTES ARE DISCHARGED. REPORT 'CONDITONAL' ON THE DMR FORM WHEN CHEMICAL METAL CLEANING WASTES ARE NOT DISCHARGED DURING THE MONITORING PERIOD.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SOUTH CAROLINA INC/V C SUMMER
NUCLEAR STATION

Permit Number: SC0030856 v3.5

Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

DMR Period: 3/1/2022 - 3/31/2022

DMR Comments: (none)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	<p>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.</p>	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SC INC VC SUMMER NUCLEAR
STATION OFF-SITE WATER SYSTEM
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SCG646072 v2.1

DMR Period: 1/1/2022 - 1/31/2022

Limit Set: 05A1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Manganese (01055) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.02	0.02	mg/L	0	Monthly	Grab
Lab ID: 23105	PERMIT REQUIREMENT	*****	*****		*****	REPORT Monthly Average	REPORT Daily Maximum			Monthly	Grab
Flow (50050) Effluent Gross (1)	SAMPLE MEASUREMENT	0.648	0.648	MGD	*****	*****	*****	*****	0	Once per Monthly Discharge	INSTANTA NEOUS IN
Lab ID: 20001	PERMIT REQUIREMENT	REPORT Monthly Average	REPORT Daily Maximum		*****	*****	*****			Weekly	INSTANTA NEOUS IN

DMR Instructions: OUTFALL 05A 1-REVERSE OSMOSIS DISCHARGING TO FRESHWATERS (FW); TREATED FILTER BACKWASH WATER, SEDIMENTATION WASH DOWN WATER AND DECANT WATER.

DMR Comments: (none)

Limit Set: 08A1

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Residual Chlorine (50060) Effluent Gross (1)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.05	0.05	mg/L	2	Monthly	Grab
Lab ID: 40572	PERMIT REQUIREMENT	*****	*****		*****	0.011 Monthly Average	0.019 Daily Maximum			Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

Permit Number: SCG646072 v2.1

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Page 1 of 2

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SC INC VC SUMMER NUCLEAR
STATION OFF-SITE WATER SYSTEM
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SCG646072 v2.1
DMR Period: 1/1/2022 - 1/31/2022

DMR Instructions: OUTFALL 08A 1-TOTAL RESIDUAL CHLORINE (TRC) LIMITS FOR ALL WATER CLASSIFICATIONS (FW, FW sp, SA, SB, SA sp, SB sp, or SFH).

DMR Comments: DESC VCS is skeptical of the TRC 0.05 mg/L result for the following reasons:

- Prior to the discharge sample, VCS personnel obtained multiple samples from both retention basins and obtained results that were less than 0.05 mg/L (nondetectable).
- VCS's reverse osmosis system backwash process only contains raw water, which isn't treated with chlorine.
- Throughout the Offsite Water System operating history, TRC has never been detected at the outfall.
- There is no significant source of chlorine to the retention basins that could result in TRC level of 0.05 mg/L.

The occurrence of TRC results above the permitted limits has been entered into the station's corrective action program (CR1192303) and is under evaluation to determine the source and the validity of TRC 0.05 mg/L result.

DMR Value Comments:

- Total Residual Chlorine, Effluent Gross (1), Limit: 0.011 Monthly Average, Reported Value: 0.05, Comment: DESC is investigating the source of TRC. The results are suspect because TRC was never detected at the discharge previously. See General Report Comments for full details.
- Total Residual Chlorine, Effluent Gross (1), Limit: 0.019 Daily Maximum, Reported Value: 0.05, Comment: DESC is investigating the source of TRC. The results are suspect because TRC was never detected at the discharge previously. See General Report Comments for full details.

Limit Set: 07A3

No Discharge:

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE DIFFERENCE (FAHRENHEIT) (00018)	SAMPLE MEASUREMENT	*****	*****	*****	*****	58.0	58.0	deg F	0	Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO DAY

DISCHARGE MONITORING REPORT (DMR)

Facility Name: DOMINION ENERGY SC INC VC SUMMER NUCLEAR
STATION OFF-SITE WATER SYSTEM
Permittee Name: DOMINION ENERGY SOUTH CAROLINA INC

Permit Number: SCG646072 v2.1
DMR Period: 1/1/2022 - 1/31/2022

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Effluent Gross (1)	PERMIT REQUIREMENT	*****	*****		*****	REPORT	REPORT			Monthly	Grab
Lab ID: 20001						Monthly Average	Daily Maximum				

DMR Instructions: OUTFALL 07A 3-ION EXCHANGE AND REVERSE OSMOSIS DISCHARGING TO CLASS FW, FW sp WITH SITE-SPECIFIC STANDARDS, SA, SA sp, SB, SB sp, or SFH WATERS.

DMR Comments: (none)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.		TELEPHONE	DATE			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY



CERTIFIED MAIL- 9214 8969 0099 9790 1421 3706 01

April 6, 2022

DOMINION ENERGY SOUTH CAROLINA INC
Attn: GEORGE A LIPPARD
PO BOX 88
JENKINSVILLE, SC 29065

Re: **Notice of Violation** **AI-0005261**
Permit # SCG646072 v2.1
DOMINION ENERGY SC INC VC SUMMER NUCLEAR STATION OFF-SITE WATER
SYSTEM
Fairfield County

Dear GEORGE A LIPPARD:

A review of the discharge monitoring reports (DMRs) submitted to the Department for the January 2022 monitoring period has revealed the following violations:

PIPE #	PARAMETER	DATE	LIMIT	DMR	AVG/MAX
08A	50060-Total Residual Chlorine	January 31, 2022	0.019	0.05	Daily Maximum
08A	50060-Total Residual Chlorine	January 31, 2022	0.011	0.05	Monthly Average

You are hereby notified that failure to comply with the effluent limits of the NPDES Permit is a violation of the Pollution Control Act, S.C. Code Ann. 48-1-110(d) and Water Pollution Control Permits, 3 S.C. Code Ann. Regs. 61-9.122.41(a). The violations make DOMINION ENERGY SC INC VC SUMMER NUCLEAR STATION OFF-SITE WATER SYSTEM subject to further enforcement action, which may include assessment of civil penalties as set forth in the Pollution Control Act, S.C. Code Ann. 48-1-330.

You are requested to submit a written response within ten (10) days of receipt of this notice. Your response should include an explanation for the violations cited above and measures that have been or will be taken to ensure compliance with permit conditions. This response will not relieve DOMINION ENERGY SC INC VC SUMMER NUCLEAR STATION OFF-SITE WATER SYSTEM of responsibility for the violations cited.

If you have any questions concerning this notice, you may contact me at 803-896-2333 or oblandjl@dhec.sc.gov. I will be glad to assist you.

Sincerely,

Jacob Oblander
Environmental Quality Manager
Bureau of Water

cc: Midlands EA Columbia