



Tennessee Valley Authority, Sequoyah Nuclear Plant, P.O. Box 2000, Soddy Daisy, TN 37384

January 11, 2024

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Subject: **Sequoyah Nuclear Plant, Discharge Monitoring Report (DMR), November 2023**

Attached is the November 2023 DMR for Sequoyah Nuclear Plant.

Respectfully,

A handwritten signature in black ink, appearing to read "T.R. Markum", is positioned below the word "Respectfully,".

Travis R. Markum
Environmental Scientist

Pimephales promelas

Value
NODI

9 - Conditional Monitoring - Not
Required This Period

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Method Detection Limit for Total Residual Chlorine is 0.05 mg/L.

Attachments

No attachments.

Report Last Saved By

Tennessee Valley Authority (TVA)

User: TRMARKUM
Name: Travis Markum
E-Mail: trmarkum@tva.gov
Date/Time: 2023-12-13 13:52 (Time Zone: -06:00)

Report Last Signed By

User: TMCMUTUA
Name: Tony McMutuary
E-Mail: tmcmutuary@tva.gov
Date/Time: 2023-12-14 12:51 (Time Zone: -06:00)

DMR Copy of Record

Permit			
Permit #:	TN0026450	Permittee:	Tennessee Valley Authority (TVA)
Major:	Yes	Permittee Address:	1101 Market Street, BR 2C Chattanooga, TN 37402
Permitted Feature:	103 Internal Outfall	Discharge:	103-G Monthly reporting for IMP 103- Low Volume Waste Treatment Pond
Facility:	TVA SEQUOYAH NUCLEAR PLANT (SQN)		
Facility Location:	SEQUOYAH ACCESS ROAD SODDY DAISY SODDY DAISY, TN 37379		

Report Dates & Status

Monitoring Period:	From 11/01/23 to 11/30/23	DMR Due Date:	12/15/23	Status:	NetDMR Validated
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Considerations for Form Completion

All parameters require data entry. If a limit violation or NODI code is reported, explain in comments. If value is below detection limit, report NODI B and include detection limit in comments.

Principal Executive Officer

First Name:	Thomas	Title:	Vice President	Telephone:	423-843-7001
Last Name:	Marshall				

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	IM - Internal Monitoring Point	0	--	Sample	=	7.3				=	7.3			12 - SU	01/30 - Monthly	GR - GRAB	
					Permit Req.	>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB			
					Value NODI													
00530	Solids, total suspended	IM - Internal Monitoring Point	0	--	Sample	=	12.6				=	12.6		19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.	<=	30.0 MO AVG				<=	100.0 DAILY MX	19 - mg/L	01/30 - Monthly			GR - GRAB	
					Value NODI													
00552	Oil and grease, hexane extr method	IM - Internal Monitoring Point	0	--	Sample	<	4.9				<	4.9		19 - mg/L	01/30 - Monthly	GR - GRAB		
					Permit Req.	<=	15.0 MO AVG				<=	20.0 DAILY MX	19 - mg/L	01/30 - Monthly			GR - GRAB	
					Value NODI													
50050	Flow, in conduit or thru treatment plant	IM - Internal Monitoring Point	0	--	Sample	=	0.887	=	0.887	03 - MGD					01/30 - Monthly	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							01/30 - Monthly	IN - INSTAN
					Value NODI													

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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User: TRMARKUM
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 Date/Time: 2023-12-14 12:51 (Time Zone: -06:00)

DMR Copy of Record

Permit			
Permit #:	TN0026450	Permittee:	Tennessee Valley Authority (TVA)
Major:	Yes	Permittee Address:	1101 Market Street, BR 2C Chattanooga, TN 37402
Permitted Feature:	107 Internal Outfall	Discharge:	107-G Monthly reporting for IMP 107- Metal Cleaning Waste Ponds
Facility:	TVA SEQUOYAH NUCLEAR PLANT (SQN)		
Facility Location:	SEQUOYAH ACCESS ROAD SODDY DAISY SODDY DAISY, TN 37379		

Report Dates & Status

Monitoring Period:	From 11/01/23 to 11/30/23	DMR Due Date:	12/15/23	Status:	NetDMR Validated
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Considerations for Form Completion

All parameters require data entry. If a limit violation or NODI code is reported, explain in comments. If value is below detection limit, report NODI B and include detection limit in comments. If routine decanting of stormwater, report NODI 9.

Principal Executive Officer

First Name:	Thomas	Title:	Vice President	Telephone:	423-843-7001
Last Name:	Marshall				

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	IM - Internal Monitoring Point	0	--	Sample													
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/01 - Daily	GR - GRAB
					Value NODI						C - No Discharge				C - No Discharge			
00530	Solids, total suspended	IM - Internal Monitoring Point	0	--	Sample													
					Permit Req.					<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS
					Value NODI						C - No Discharge				C - No Discharge			
00552	Oil and grease, hexane extr method	IM - Internal Monitoring Point	0	--	Sample													
					Permit Req.					<=	15.0 MO AVG			<=	20.0 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB
					Value NODI						C - No Discharge				C - No Discharge			
01042	Copper, total [as Cu]	IM - Internal Monitoring Point	0	--	Sample													
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS
					Value NODI						C - No Discharge				C - No Discharge			
01045	Iron, total [as Fe]	IM - Internal Monitoring Point	0	--	Sample													
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS
					Value NODI						C - No Discharge				C - No Discharge			

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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 Name: Tony McMutuary
 E-Mail: tmcmutuary@tva.gov
 Date/Time: 2023-12-14 12:51 (Time Zone: -06:00)

Value
NODI

C - No
Discharge

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

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Major:	Yes	Permittee Address:	1101 Market Street, BR 2C Chattanooga, TN 37402							Facility Location:	SEQUOYAH ACCESS ROAD SODDY DAISY SODDY DAISY, TN 37379											
Permitted Feature:	118 External Outfall	Discharge:	118-G Monthly Reporting for Internal Outfall 118																			
Report Dates & Status																						
Monitoring Period:	From 11/01/23 to 11/30/23							DMR Due Date:	12/15/23							Status:	NetDMR Validated					
Considerations for Form Completion																						
All parameters require data entry. If pond is not in service, report NODI 9. If a limit violation or NODI code is reported, explain in comments. If value is below detection limit, report NODI B and include detection limit in comments.																						
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Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units						
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.					>=	2.0 MINIMUM					19 - mg/L		02/07 - Twice Every Week	GR - GRAB			
					Value NODI						C - No Discharge											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample																	
					Permit Req.									<=	100.0 DAILY MX	19 - mg/L		02/07 - Twice Every Week	GR - GRAB			
					Value NODI						C - No Discharge											
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.									<=	1.0 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB			
					Value NODI						C - No Discharge											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/BA - Once Per Batch	ES - ESTIMA		
					Value NODI		C - No Discharge		C - No Discharge													
Submission Note																						
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