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

January 13, 2022

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

Subject: **Sequoyah Nuclear Plant, Discharge Monitoring Report (DMR), December 2021**

Attached is the December 2021 DMR for Sequoyah Nuclear Plant.

Respectfully,

A handwritten signature in black ink, appearing to read "T.R. Markum", is positioned above the printed name.

Travis R. Markum  
Environmental Scientist

DMR Copy of Record

Permit

Permit #:

TN0026450

Major:

Yes

Permittee:

Tennessee Valley Authority (TVA)

Permittee Address:

Sequoyah Access Road, PO Box 2000  
Soddy Daisy, TN 37379

Facility:

TVA SEQUOYAH NUCLEAR PLANT (SQN)

Facility Location:

SEQUOYAH ACCESS ROAD  
SODDY DAISY, TN 37379

Permitted Feature:

101  
External Outfall

Discharge:

101-G  
(no description)

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/15/22

Status:

NetDMR Validated

Considerations for Form Completion

Primary discharge from Diffuser Pond.

Principal Executive Officer

First Name:

Thomas

Last Name:

Marshall

Title:

Vice President

Telephone:

423-843-7001

No Data Indicator (NODI)

Form NODI:

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TRP6C	IC25 Static Renewal 7 Day Chronic Chrpimephales	1 - Effluent Gross	0	--	Sample																
					Permit																
					Req.																
					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																					
Method Detection Limit for Total Residual Chlorine is 0.05 mg/L.																					
Attachments																					
Name															Type			Size			
BCTP_Annual_Report_2021.pdf															pdf			66554.0			
Report Last Saved By																					
Tennessee Valley Authority (TVA)																					
User: TRMARKUM																					
Name: Travis Markum																					
E-Mail: trmarkum@tva.gov																					
Date/Time: 2022-01-10 16:21 (Time Zone: -06:00)																					
Report Last Signed By																					
User: TMCMUTUA																					
Name: Tony McMutuary																					
E-Mail: tmcmutuary@tva.gov																					
Date/Time: 2022-01-12 08:20 (Time Zone: -06:00)																					

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TN0026450

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Soddy Daisy, TN 37379

Facility:

TVA SEQUOYAH NUCLEAR PLANT (SQN)

Facility Location:

SEQUOYAH ACCESS ROAD  
SODDY DAISY, TN 37379

Permitted Feature:

103  
Internal Outfall

Discharge:

103-G  
(no description)

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/15/22

Status:

NetDMR Validated

Considerations for Form Completion

Internal Monitoring Point for various flows from Low Volume Waste Treatment Pond to Diffuser Pond, which eventually discharges through Outfall 101.

Principal Executive Officer

First Name:

Thomas

Last Name:

Marshall

Title:

Vice President

Telephone:

423-843-7001

No Data Indicator (NODI)

Form NODI:

--

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Tennessee Valley Authority (TVA)

User:

TRMARKUM

Name:

Travis Markum

E-Mail:

trmarkum@tva.gov

Date/Time:

2022-01-10 16:24 (Time Zone: -06:00)

Report Last Signed By

User:

TMCMUTUA

Name:

Tony McMutuary

E-Mail:

tmcmutuary@tva.gov

Date/Time:

2022-01-12 08:20 (Time Zone: -06:00)

DMR Copy of Record

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Major:

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Soddy Daisy, TN 37379

Facility:

TVA SEQUOYAH NUCLEAR PLANT (SQN)

Facility Location:

SEQUOYAH ACCESS ROAD  
SODDY DAISY, TN 37379

Permitted Feature:

107  
Internal Outfall

Discharge:

107-G  
(no description)

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/15/22

Status:

NetDMR Validated

Considerations for Form Completion

Metal Cleaning Waste Pond discharge. No monitoring required for stormwater decanting. Daily monitoring required only during dewatering events.

Principal Executive Officer

First Name:

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Title:

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423-843-7001

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Facility Location:

SEQUOYAH ACCESS ROAD  
SODDY DAISY, TN 37379

Permitted Feature:

110  
External Outfall

Discharge:

110-G  
(no description)

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/15/22

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Considerations for Form Completion

Outfall 110 is closed. Only active in the event the plant goes into closed mode.

Principal Executive Officer

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423-843-7001

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Form NODI: --

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trmarkum@tva.gov

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TMCMUTUA

Name:

Tony McMutuary

E-Mail:

tmcmutuary@tva.gov

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Soddy Daisy, TN 37379

Facility:

TVA SEQUOYAH NUCLEAR PLANT (SQN)

Facility Location:

SEQUOYAH ACCESS ROAD  
SODDY DAISY, TN 37379

Permitted Feature:

118  
External Outfall

Discharge:

118-G  
(no description)

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/15/22

Status:

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Principal Executive Officer

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trmarkum@tva.gov

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TMCMUTUA

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tmcmutuary@tva.gov

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