



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

September 16, 2021

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

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

Attached is the August 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 08/01/21 to 08/31/21

DMR Due Date:

09/15/21

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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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:	2021-09-03 12:33 (Time Zone: -05:00)
Report Last Signed By	
User:	TMCMUTUA
Name:	Tony McMutuary
E-Mail:	tmcmutuary@tva.gov
Date/Time:	2021-09-09 16:29 (Time Zone: -05:00)

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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:

103
Internal Outfall

Discharge:

103-G
(no description)

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/15/21

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:

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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:

2021-09-03 12:34 (Time Zone: -05:00)

Report Last Signed By

User:

TMCMUTUA

Name:

Tony McMutuary

E-Mail:

tmcmutuary@tva.gov

Date/Time:

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Permittee Address:

Tennessee Valley Authority (TVA)
Sequoyah Access Road, PO Box 2000
Soddy Daisy, TN 37379

Facility:
Facility Location:

TVA SEQUOYAH NUCLEAR PLANT (SQN)
SEQUOYAH ACCESS ROAD
SODDY DAISY, TN 37379

Permitted Feature:

107
Internal Outfall

Discharge:

107-G
(no description)

Report Dates & Status

Monitoring Period:
From 08/01/21 to 08/31/21

DMR Due Date:
09/15/21

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:
Last Name:

Thomas
Marshall

Title:

Vice President

Telephone:

423-843-7001

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	IM - Internal Monitoring Point	0	--	Sample													01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		
					Value NODI							C - No Discharge				C - No Discharge			
00530	Solids, total suspended	IM - Internal Monitoring Point	0	--	Sample													01/01 - Daily	CP - COMPOS
					Permit Req.						<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L		
					Value NODI							C - No Discharge				C - No Discharge			
00556	Oil & Grease	IM - Internal Monitoring Point	0	--	Sample													01/01 - Daily	GR - GRAB
					Permit Req.						<=	15.0 MO AVG			<=	20.0 DAILY MX	19 - mg/L		
					Value NODI							C - No Discharge				C - No Discharge			
01042	Copper, total [as Cu]	IM - Internal Monitoring Point	0	--	Sample													01/01 - Daily	CP - COMPOS
					Permit Req.						<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L		
					Value NODI							C - No Discharge				C - No Discharge			
01045	Iron, total [as Fe]	IM - Internal Monitoring Point	0	--	Sample													01/01 - Daily	CP - COMPOS
					Permit Req.						<=	1.0 MO AVG			<=	1.0 DAILY MX	19 - mg/L		
					Value NODI							C - No Discharge				C - No Discharge			

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Attachments

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User:
Name:
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Date/Time:

TRMARKUM
Travis Markum
trmarkum@tva.gov
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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 08/01/21 to 08/31/21

DMR Due Date:

09/15/21

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Thomas

Last Name:

Marshall

Title:

Vice President

Telephone:

423-843-7001

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Facility Location:

SEQUOYAH ACCESS ROAD
SODDY DAISY, TN 37379

Permitted Feature:

118
External Outfall

Discharge:

118-G
(no description)

Report Dates & Status

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From 08/01/21 to 08/31/21

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tmcmutuary@tva.gov

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