



Tennessee Valley Authority, Post Office Box 2000, Soddy Daisy, Tennessee 37384-2000

August 11, 2016

Ms. Angela Hall  
Tennessee Department of Environment  
and Conservation  
Division of Water Resources  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

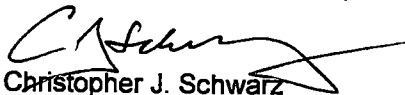
Dear Ms. Hall:

TENNESSEE VALLEY AUTHORITY (TVA) - SEQUOYAH NUCLEAR PLANT (SQN) - NPDES  
PERMIT NO. TN0026450 - DISCHARGE MONITORING REPORT (DMR) FOR July 2016

Enclosed is the July 2016 Discharge Monitoring Report for Sequoyah Nuclear Plant. Also enclosed is the corrected June DMR sheet 101G which shows the Daily Max Flow in Conduit or Through Treatment Plant. There were no exceedances during the reporting period. Toxicity was sampled July 31 - August 5, 2016. The results will be reported with the August DMR. If you have any questions or need additional information, please contact Millicent Garland by email at [mrmooore@tva.gov](mailto:mrmooore@tva.gov) or by phone at (423) 843-6714.

*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.*

Sincerely,

  
Christopher J. Schwarz  
Site Vice President  
Sequoyah Nuclear Plant

Enclosures

cc (Enclosures):

Chattanooga Environmental Field Office  
Division of Water Pollution Control  
State Office Building, Suite 550  
540 McCallie Avenue  
Chattanooga, Tennessee 37402-2013

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

IE25  
NRR

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUBR 01)  
 F - FINAL  
 DIFFUSER DISCHARGE  
 EFFLUENT

Form Approved.  
 OMB No. 2040-0004

**TN0026450** **101 G**  
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD  
 From **16 07 01** To **16 07 31**

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

ATTN:Millicent Garland

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	41.2	04	0	31 / 31	RCORDR
00010 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MAX	DEG. C.		CONTI NUOUS	CALCTD
EFFLUENT GROSS											
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	30.5	04	0	31 / 31	MODEL D
00010 Z 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	30.5 DAILY MX	DEG. C.		CONTI NUOUS	CALCTD
INSTREAM MONITORING											
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	2.4	04	0	31 / 31	CALCTD
00016 1 S	PERMIT REQUIREMENT	*****	*****	****	*****	*****	3.0 DAILY MX	DEG. C.		CONTI NUOUS	CALCTD
EFFLUENT GROSS											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	1831	03	*****	*****	*****	**	0	31 / 31	RCORDR
50050 1 0	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MAX	MGD	*****	*****	*****	****		CONTI NUOUS	RCORDR
EFFLUENT GROSS											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	1801	03	*****	*****	*****	03	0	31 / 31	CALCTD
50050 1 0	PERMIT REQUIREMENT	*****	Req. Mon. MO AVG	MGD	*****	*****	*****	MGD		CONTI NUOUS	CALCTD
EFFLUENT GROSS VALUE											
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	**	*****	0.021	0.031	19	0	21 / 31	GRAB
50060 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.1 MO AVG	0.1 DAILY MAX	MG/L		FIVE PER WEEK	CALCTD
EFFLUENT GROSS VALUE											
TEMPERATURE - C, RATE OF CHANGE	SAMPLE MEASUREMENT	*****	0.1	62	*****	*****		**	0	31 / 31	CALCTD
82234 1 0	PERMIT REQUIREMENT	*****	2.0 DAILY MX	DEG C/HR	*****	*****	*****	****		CONTI NUOUS	CALCTD
EFFLUENT GROSS											

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		
Christopher J. Schwarz		423	843-7001	16	08	10
Site Vice President		AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No closed mode operation. The following injections occurred: Flogard MS 6236 (max calc. was 0.058 mg/L, limit 0.20 mg/L), Spectrus BD 1500 (max calc. was 0.015 mg/L, limit - 2.0 mg/L), Spectrus 1300 (max. calc. was 0.03 mg/L, limit - 0.05 mg/L).

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
 Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUBR 01)  
 F - FINAL  
 BIOMONITORING FOR OUTFALL 101  
 EFFLUENT

Form Approved.  
 OMB No. 2040-0004

**TN0026450** **101 T**  
 PERMIT NUMBER DISCHARGE NUMBER

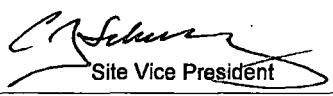
MONITORING PERIOD  
 From **16 07 01** To **16 07 31**

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

ATTN:Millicent Garland

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
IC25 STATRE 7DAY CHR CERIODAPHNIA	SAMPLE MEASUREMENT	*****	*****	**	Other	*****	*****	23			
TRP3B 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	****	42.8 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	**	Other	*****	*****	23			
TRP6C 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	****	42.8 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Christopher J. Schwarz  Site Vice President  TYPED OR PRINTED	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.	 Site Vice President SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 Toxicity testing was conducted July 31 - August 5, 2016. The report will be submitted with the August DMR.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P. O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR  
(SUBR 01)

Form Approved.  
OMB No. 2040-0004

**TN0026450** **103 G**  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL  
 LOW VOL. WASTE TREATMENT POND  
 EFFLUENT

MONITORING PERIOD  
 From 

YEAR	MO	DAY
16	07	01

 To 


YEAR	MO	DAY
16	07	31

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

ATTN:Millicent Garland

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****	**	6.8	*****	8.9	12	0	5 / 31	GRAB
00400 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	**	<b>6.0</b> MINIMUM	*****	<b>9.0</b> MAXIMUM	SU		ONCE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	**	*****	17.6	17.6	19	0	1 / 31	GRAB
00530 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	**	*****	<b>30.0</b> MO AVG	<b>100.0</b> DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	**	*****	<5.0	<5.0	19	0	1 / 31	GRAB
00556 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	**	*****	<b>15.0</b> MO AVG	<b>20.0</b> DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	1.304	1.323	03	*****	*****	*****	**	0	5 / 31	INSTAN
50050 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	<b>Req. Mon.</b> <b>MO AVG</b>	<b>Req. Mon</b> <b>DAILY MX</b>	MGD	*****	*****	*****	**		ONCE/ WEEK	INSTAN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Christopher J. Schwarz  Site Vice President  TYPED OR PRINTED	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.	 Site Vice President	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
			423	843-7001	16	08	10

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
**(INTEROFFICE OPS-5N-SQN)**  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR  
 (SUBR 01)

Form Approved.  
 OMB No. 2040-0004

**TN0026450** **110 G**  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL  
 RECYCLED COOLING WATER  
 EFFLUENT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
16	07	01	16	07	31

From

To

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

ATTN:Millicent Garland

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		04			
	PERMIT REQUIREMENT	*****	*****	**	*****	*****	REPORT DAILY MX	DEG C		CONTIN UOUS	CALCTD
TEMPERATURE, WATER DEG. CENTIGRADE 00010 Z 0 INSTREAM MONITORING	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		04			
	PERMIT REQUIREMENT	*****	*****	**	*****	*****	30.5 DAILY MX	DEG C		CONTIN UOUS	CALCTD
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C 00016 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		04			
	PERMIT REQUIREMENT	*****	*****	**	*****	*****	5 DAILY MX	DEG C		CONTIN UOUS	CALCTD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		03	*****	*****	*****	**			
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	MGD	*****	*****	*****	**		CONTIN UOUS	RCORDR
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****			19			
	PERMIT REQUIREMENT	*****	*****	**	*****	0.1 MO AVG	0.1 DAILY MX	MG/L		Five per Week	CALCTD
TEMPERATURE - C, RATE OF CHANGE 82234 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		04	*****	*****	*****	**			
	PERMIT REQUIREMENT	*****	2 DAILY MX	DEG C	*****	*****	*****	**		CONTIN UOUS	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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		
Christopher J. Schwarz		423 843-7001	16	08	10	
Site Vice President						
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No Discharge this Period

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR  
 (SUBR 01)  
 F - FINAL

Form Approved.  
 OMB No. 2040-0004

**TN0026450**      **110 T**  
 PERMIT NUMBER      DISCHARGE NUMBER

RECYCLED COOLING WATER  
 EFFLUENT


MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
16	07	01	To	16	07	31

\*\*\* NO DISCHARGE  \*\*\*

ATTN:Millicent Garland

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
IC25 STATRE 7DAY CHR CERIODAPHNIA	SAMPLE MEASUREMENT	*****	*****	**		*****	*****	23			
TRP3B 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	42.8 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	**		*****	*****	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	42.8 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Christopher J. Schwarz  Site Vice President  TYPED OR PRINTED	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.	 Site Vice President	TELEPHONE		DATE		
			423	843-7001	16	08	10
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No Discharge this Period

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR

(SUBR 01)

F - FINAL

WASTEWATER & STORM WATER

EFFLUENT

Form Approved.

OMB No. 2040-0004

**TN0026450** **118 G**  
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD  
 From **16 07 01** To **16 07 31**

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

ATTN:Millicent Garland

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
<b>OXYGEN, DISSOLVED (DO)</b>	SAMPLE MEASUREMENT	*****	*****	**		*****	*****	19			
00300 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	****	<b>2 MINIMUM</b>	*****	*****	MG/L		TWICE/WEEK	GRAB
<b>SOLIDS, TOTAL SUSPENDED</b>	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
00530 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	****	*****	*****	<b>100 DAILY MX</b>	MG/L		TWICE/WEEK	GRAB
<b>SOLIDS, SETTLEABLE</b>	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		25			
00545 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	****	*****	*****	<b>1 DAILY MX</b>	ML/L		ONCE/MONTH	GRAB
<b>FLOW, IN CONDUIT OR THRU TREATMENT PLANT</b>	SAMPLE MEASUREMENT			03	*****	*****	*****	**			
50050 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	<b>Req. Mon. MO AVG</b>	<b>Req. Mon. DAILY MX</b>	MGD	*****	*****	*****	*		ONCE/BATCH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Christopher J. Schwarz</b> Site Vice President TYPED OR PRINTED	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		
		AREA CODE	NUMBER	YEAR	MO	DAY

*CSchwarz*  
Site Vice President  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

423 843-7001 16 08 10

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 During this reporting period, there has been no flow from the Dredge Pond other than that resulting from rainfall. No Discharge this Period

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Name **TVA - SEQUOYAH NUCLEAR PLANT**  
 Address **P.O. BOX 2000**  
 (INTEROFFICE OPS-5N-SQN)  
**SODDY - DAISY, TN 37384**  
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**  
 Location **HAMILTON COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

MAJOR (SUBR 01)  
 F - FINAL  
 DIFFUSER DISCHARGE  
 EFFLUENT

Form Approved.  
 OMB No. 2040-0004


**TN0026450** **101 G**  
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD  
 From **16 06 01** To **16 06 30**

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	40.8	04	0	30 / 30	RCORDR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	<b>Req. Mon. DAILY MAX</b>	DEG. C.		CONTI NUOUS	CALCTD
TEMPERATURE, WATER DEG. CENTIGRADE 00010 Z 0 INSTREAM MONITORING	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	29.8	04	0	30 / 30	MODEL D
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	<b>30.5 DAILY MX</b>	DEG. C.		CONTI NUOUS	CALCTD
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C 00016 1 S EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	2.1	04	0	30 / 30	CALCTD
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	<b>3.0 DAILY MX</b>	DEG. C.		CONTI NUOUS	CALCTD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	<b>1837</b>	03	*****	*****	*****	**	0	30 / 30	RCORDR
	PERMIT REQUIREMENT	*****	<b>Req. Mon. DAILY MAX</b>	MGD	*****	*****	*****	***		CONTI NUOUS	RCORDR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1811	*****	03	*****	*****	*****	03	0	30 / 30	CALCTD
	PERMIT REQUIREMENT	<b>Req. Mon. MO AVG</b>	*****	MGD	*****	*****	*****	MGD		CONTI NUOUS	CALCTD
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	0.020	0.034	19	0	24 / 30	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	<b>0.1 MO AVG</b>	<b>0.1 DAILY MAX</b>	MG/L		FIVE PER WEEK	CALCTD
TEMPERATURE - C, RATE OF CHANGE 82234 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	0.2	62	*****	*****	*****	**	0	30 / 30	CALCTD
	PERMIT REQUIREMENT	*****	<b>2.0 DAILY MX</b>	DEG C/HR	*****	*****	*****	***		CONTI NUOUS	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Christopher J. Schwarz</b> Site Vice President TYPED OR PRINTED	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		
		423	843-7001	16	07	27
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  Site Vice President		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No closed mode operation. The following injections occurred: Flogard MS 6236 (max calc. was 0.06 mg/L, limit - 0.20 mg/mL), Spectrus BD 1500 (max calc. was 0.02 mg/L, limit - 2.0 mb/L), Spectrus CT 1300 (max calc. was 0.036 mg/L, limit - 0.05 mg/L).