



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

March 8, 2011

State of Tennessee
Department of Environment and Conservation
Division of Water Pollution Control
Enforcement & Compliance Section
6th Floor, L & C Annex
401 Church Street
Nashville, Tennessee 37243-1534

Dear Mr. Patrick Cromer:

SEQUOYAH NUCLEAR PLANT - DISCHARGE MONITORING REPORT FOR FEBRUARY 2011

Enclosed is the February 2011 Discharge Monitoring Report for Sequoyah Nuclear Plant. Sample collection continues at the Diffuser Pond Inlet of the Yard Drainage Pond effluent because of a transformer oil spill that reached the Yard Drainage Pond. Samples collected from 9/23/2010 through 2/26/2011 have all yielded results below detection limits for oil and grease. If you have any questions or need additional information, please contact Brad Love at (423) 843-6714 or Stephanie Howard at (423) 843-6700 of Sequoyah's Environmental staff.

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,

Michael D. Skaggs
Site Vice President
Sequoyah Nuclear Plant

Enclosure
cc (Enclosure):
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

IEQS
NRR

Name **TVA - SEQUOYAH NUCLEAR PLANT**
Address **P.O. BOX 2000**
(INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
Facility **TVA - SEQUOYAH NUCLEAR PLANT**
Locatio **HAMILTON COUNTY**

TN0026450 **101 G**
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
From **11 02 01** To **11 02 28**

F - FINAL
DIFFUSER DISCHARGE
EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 Z 0 0 INSTREAM MONITORING	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	12.8	04	0	28 / 28	MODEL D
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	30.5 DAILY MX	DEG. C.		SEE PERMIT	CK REQ
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	25.3	04	0	28 / 28	RCORDR
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MX	DEG. C.		SEE PERMIT	CK REQ
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C 00016 1 W 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	3.5	04	0	28 / 28	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5.0 DAILY MX	DEG. C.		CONTINUOUS	CALCTD
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	8.4	*****	8.6	12	0	4 / 28	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	7	7	19	0	1 / 28	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	30 MO AVG	100 DAILY MX	MG/L		MONTHLY	GRAB
OIL AND GREASE 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	<6	<6	19	0	1 / 28	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	15 MO AVG	20 DAILY MX	MG/L		MONTHLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	1641	03	*****	*****	*****	**	0	28 / 28	RCORDR
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael D. Skaggs
Sequoyah 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.

M. Skaggs
Sequoyah Site Vice President
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
423	843-7001	11	03	05
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
No closed mode operation. The following information is included in an attachment: 1. CCW data 2. Veliger monitoring data

DMR Attachment

CCW Data

CCW TRENCH				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
No water would come out of the pump. No sample could be obtained.				
CCW CHANNEL				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
2/9/2011 @ 1120	<0.10 mg/l	2/11/2011 @ 1214	ND	EPH

Sample Date	Mean # of ZM/m3	% Settlers	Water Temp. (°C)	Sample Date	Mean# of Asiatic Clams/m3	Water Temp. (°C)	LOCATION	SUB LOCATION	NOTES: % Gravid Asiatic Clam	COLLECTED BY
12/07/2010	6	100	23	12/07/2010	0	23	1-25-545			PB
12/14/2010	0	0	10	12/14/2010	0	10	1-25-545			RS
12/22/2010	0	0	10.5	12/22/2010	0	10.5	1-ISV-24-1234			WE
12/29/2010	0	0	26	12/29/2010	0	26	1-25-545			WDT
01/04/2011	0	0	13	01/04/2010	0	13	1-25-545			PB
01/11/2011	0	0	22	01/11/2010	0	22	1-25-545			RS
01/18/2011	0	0	9.5	01/18/2010	0	9.5	1-ISV-24-1234			CR
01/25/2011	0	0	23	01/25/2011	0	23	1-25-545			WDT
02/02/2011	0	0	10	02/02/2011	0	10	1-25-545			PB
02/08/2011	0	0	9	02/08/2011	0	9	1-25-545			MJW
02/15/2011	0	0	23	02/15/2011	0	23	1-25-545			MLW

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Locatio **HAMILTON COUNTY**

MAJOR (SUBR 01)
 F - FINAL
 DIFFUSER DISCHARGE
 EFFLUENT

TN0026450 **101 G**
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 From **11 02 01** To **11 02 28**

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

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			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	**	*****	0.026	0.042	19	0	11 / 28	GRAB
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.10 MO AVG	0.10 INST MAX	MG/L		WEEK-DAYS	CALCTD
TEMPERATURE - C, RATE OF CHANGE	SAMPLE MEASUREMENT	*****	0	62	*****	*****	*****	**	0	28 / 28	CALCTD
82234 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	2 DAILY MX	DEG C/HR	*****	*****	*****	****		CONTINUOUS	CALCTD
BORON, TOTAL	SAMPLE MEASUREMENT	*****	*****	**	*****	<0.20	*****	19	0	4/28-5/11	GRAB
01022 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	*****	MG/L		ONCE A MONTH	GRAB
	SAMPLE MEASUREMENT									QTRLY	
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael D. Skaggs Sequoyah Site Vice President	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	11	03	05
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 The following B/CTP injections occurred this period: Biodetergent 73551 (max. calc. conc. was 0.02mg/L—limit 2.0mg/L)

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 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Locatio **HAMILTON COUNTY**

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

MAJOR
 (SUBR 01)

Form Approved.
 OMB No. 2040-0004

TN0026450 **101 T**
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 BIOMONITORING FOR OUTFALL 101
 EFFLUENT

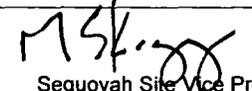
MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
11	02	01	To	11	02	28

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

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	*****	*****	**	Monitoring Not Required	*****	*****	23			
TRP3B 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	45.2 MINIMUM	*****	*****	PERCENT		SEE PERMIT	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	**	Monitoring Not Required	*****	*****	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	45.2 MINIMUM	*****	*****	PERCENT		SEE PERMIT	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael D. Skaggs Sequoyah 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.	 Sequoyah Site Vice President SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
			423	843-7001	11	03	05

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Toxicity was not sampled in February 2011.

Name **TVA - SEQUOYAH NUCLEAR PLANT**
Address **P.O. BOX 2000**
(INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
Facility **TVA - SEQUOYAH NUCLEAR PLANT**
Locatio **HAMILTON COUNTY**

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

F - FINAL
LOW VOL. WASTE TREATMENT POND
EFFLUENT

MONITORING PERIOD
From

YEAR	MO	DAY
11	02	01

 To

YEAR	MO	DAY
11	02	28

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

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
PH	SAMPLE MEASUREMENT	*****	*****	**	7.0	*****	7.8	12	0	12 / 28	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		THREE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	75	84	26	*****	9	11	19	0	4 / 28	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	380 MO AVG	1250 DAILY MX	LBS/DY	*****	30 MO AVG	100 DAILY MX	MG/L		WEEKLY	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	<52	<57	26	*****	<6	<6	19	0	4 / 28	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	190 MO AVG	250 DAILY MX	LBS/DY	*****	15 MO AVG	20 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.960	1.110	03	*****	*****	*****	**	0	28 / 28	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	**		SEE PERMIT	TOTALZ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael D. Skaggs
Sequoyah 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.

M Skaggs
Sequoyah Site Vice President
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
423	843-7001	11	03	05
AREA CODE	NUMBER	YEAR	MO	DAY

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

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Locatio **HAMILTON COUNTY**

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

MAJOR
 (SUBR 01)

Form Approved.
 OMB No. 2040-0004

TN0026450	107 G
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
 METAL CLEANING WASTE POND

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
11	02	01	11	02	28

EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH		*****	*****	**		*****		12			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	30 DAILY MX	MG/L		DAILY	COMPOS
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15 DAILY MX	MG/L		DAILY	GRAB
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L		DAILY	COMPOS
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L		DAILY	COMPOS
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L		DAILY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	*****	*****	*****	**			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	***		DAILY	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Michael D. Skaggs
 Sequoyah Site Vice President
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M Skaggs
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TELEPHONE		DATE		
423	843-7001	11	03	05
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 No Discharge this Period

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Location **HAMILTON COUNTY**

MAJOR (SUBR 01)
 F - FINAL
 RECYCLED COOLING WATER
 EFFLUENT

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

MONITORING PERIOD
 From **11 02 01** To **11 02 28**

*** NO DISCHARGE ***

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ATTN: Stephanie A. Howard

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 Z 0 0 INSTREAM MONITORING	SAMPLE MEASUREMENT	*****	*****	04	*****	*****				
	PERMIT REQUIREMENT	*****	*****	DEG C	*****	*****	38.3 DAILY MX	DEG C	DAILY	GRAB-4
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		12		
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19		
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	30 DAILY MX	MG/L	DAILY	COMPOS
OIL AND GREASE 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19		
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	15 DAILY MX	MG/L	DAILY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			03	*****	*****	*****	**		
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	DAILY	CALCTD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19		
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.10 DAILY MX	MG/L	WEEKLY	GRAB-4
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Michael D. Skaggs
 Sequoyah Site Vice President
 TYPED OR PRINTED

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M Skaggs
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TELEPHONE		DATE		
423	843-7001	11	03	05
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 No Discharge this Period

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Locatio **HAMILTON COUNTY**

TN0026450	110 T
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
11	02	01	11	02	28

F - FINAL
RECYCLED COOLING WATER
EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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	*****	*****	****	45.2 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	**		*****	*****	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	45.2 MINIMUM	*****	*****	PERCENT		SEMI ANNUAL	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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TELEPHONE		DATE		
423	843-7001	11	03	05
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
No Discharge this Period

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-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
 BACKWASH
 EFFLUENT

Form Approved.
 OMB No. 2040-0004

Permit Number: **TN0026450**
 Discharge Number: **116 G**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
11	02	01	11	02	28

From To

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DEBRIS, FLOATING (SEVERITY)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	0	9A	0	1 / 28	VISUAL
01345 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT MO TOTAL	PASS=0 FAIL=1		SEE PERMIT	VISUAL
OIL AND GREASE VISUAL	SAMPLE MEASUREMENT	*****	0	94	*****	*****	*****	**	0	1 / 28	VISUAL
84066 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	REPORT MO TOTAL	YES=1 NO=0	*****	*****	*****	****		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael D. Skaggs
 Sequoyah 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.

M. Skaggs
 Sequoyah Site Vice President
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
423	843-7001	11	03	05
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Operations performs visual inspections for floating debris and oil and grease during all backwashes.

Name **TVA - SEQUOYAH NUCLEAR PLANT**
 Address **P.O. BOX 2000**
 (INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
 Facility **TVA - SEQUOYAH NUCLEAR PLANT**
 Locatio **HAMILTON COUNTY**

TN0026450 **117 G**
PERMIT NUMBER **DISCHARGE NUMBER**

F - FINAL
 BACKWASH
 EFFLUENT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
11	02	01	11	02	28

From To

*** NO DISCHARGE ***

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ATTN: Stephanie A. Howard

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DEBRIS, FLOATING (SEVERITY)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	0	9A	0	1 / 28	VISUAL
01345 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT MO TOTAL	PASS=0 FAIL=1		SEE PERMIT	VISUAL
OIL AND GREASE VISUAL	SAMPLE MEASUREMENT	*****	0	94	*****	*****	*****	**	0	1 / 28	VISUAL
84066 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	REPORT MO TOTAL	YES=1 NO=0	*****	*****	*****	***		SEE PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael D. Skaggs Sequoyah Site Vice President TYPED OR PRINTED	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.	 Sequoyah Site Vice President SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			423	843-7001	11	03	05
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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Name **TVA - SEQUOYAH NUCLEAR PLANT**
Address **P.O. BOX 2000**
(INTEROFFICE SB-2A-SQN)
SODDY - DAISY, TN 37384
Facility **TVA - SEQUOYAH NUCLEAR PLANT**
Locatio **HAMILTON COUNTY**

TN0026450	118 G
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
WASTEWATER & STORM WATER
EFFLUENT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
From 11	02	01	To 11	02	28

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**		*****	*****	19			
	PERMIT REQUIREMENT	*****	*****	****	2.0 DAILY MN	*****	*****	MG/L		TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		19			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	100 DAILY MX	MG/L		TWICE/WEEK	GRAB
SOLIDS, SETTLEABLE 00545 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****		25			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	ML/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			03	*****	*****	*****	**			
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	*		ONCE/BATCH	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael D. Skaggs Sequoyah Site Vice President	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.	 Sequoyah Site Vice President	TELEPHONE		DATE		
			423	843-7001	11	03	05
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)
During this reporting period, there has been no flow from the Dredge Pond other than that resulting from rainfall.