

Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

May 10, 2007

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

Dear Mr. Hannah:

SEQUOYAH NUCLEAR PLANT - DISCHARGE MONITORING REPORT FOR APRIL 2007

Enclosed is the April 2007 Discharge Monitoring Report for Sequoyah Nuclear Plant. Please contact me at (423) 843-6700 if you have any questions or comments.

Sincerely, Alephanie a. Howard

Stephanie A. Howard

Principal Environmental Engineer

Signatory Authority for

J. Randy Douet

Site Vice President

Sequoyah Nuclear Plant

Enclosure

cc (Enclosure):

Chattanooga Environmental Assistance Center 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, D.C. 20555

# PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - SEQUOYAH NUCLEAR PLANT

Address P.O. BOX 2000

(INTEROFFICE SB-2A)

SODDY - DAISY TN 37384

Facility TVA - SEQUOYAH NUCLEAR PLANT

Location HAMILTON COUNTY

ATTN: Stephanie A. Howard

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

MONITORING PERIOD

Tol

GE MONITORING REPORT (DMR)

07

MAJOR (SUBR 01) F - FINAL Form Approved.
OMB No. 2040-0004

TN0026450 PERMIT NUMBER

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101 G DISCHARGE NUMBER

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EFFLUENT

\*\*\* NO DISCHARGE

DIFFUSER DISCHARGE

NOTE: Read instructions before completing this form.

DADAMETED	TER QUANTITY OR LOADING			QUALITY OR CONCENTRATION NO. FREQUENCE							
PARAMETER		QUAN	ITTY OR LOADING			QUALITY OR CONC	ENTRATION		EX	OF	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	]	ANALYSIS	
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SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	**	*****	7	7	19	0	1/30	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT. REQUIREMENT.		******	***	*******	30 MO AVG	100 DAILY MX	MG/L		MONTHLY	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	******	**	******	<5	<5	19	0	1 / 30	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT	*****	********	***	******	15 MO AVG	20 DAILY MX	MG/L		MONTHLY	GRAB
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50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT		REPORT DAILY MX	MGD	******	******	****	****		CONTINE UOUS	RCORDR

	I Certify under penalty of law that this document and all attachments were prepared under my	0) 1 · Odleans	TEL	EPHONE		"DATE	
J. Randy Douet		Stephanie a. Verward					
	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,	Principal Environmental Engineer	423	843-6700	07	05	10
Site Vice President	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.	SIGNATURE OF PRINCIPAL EXECUTIVE	1				ļ
TYPED OR PRINTED	information, including the possibility of line and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

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

No closed mode operation. The following information is included in an attachment: 1. thermal compliance information 2. CCW data 3. veliger monitoring data

## April 2007 DMR Attachment

## **April 2007 Thermal Compliance Information**

April 1-30: The downstream temperature and temperature rate-of-change are based on measurements from Station 8, the "backup temperature monitor" located at the end of the mixing zone (TRM 483.4). The temperature rise is based on the increase in temperature from measurements at Station 14, located upstream of the plant (TRM 490.5), and measurements at Station 8 (TRM 483.4). Consistent with the permit, measurements reported for the downstream temperature and the temperature rise represent daily maximum 24-hour rolling averages; and, measurements reported of the temperature rate-of-change represent 1-hour averages. Measurements were used rather than the numerical modeling system because of relatively low river flows. TVA has learned as a result of the continuing studies performed under Part III.G. of the permit that under low flow conditions, adjustments may be needed in the formulation of numerical model to improve its accuracy. Until river flows increase or appropriate model adjustments can be made, the modeling system is considered "out of service".

### April 2007 CCW Data

CCW TRENCH				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
04/02/2007 @ 1020	0.19 mg/L	04/05/2007 @ 1634	TSF	EPA 8015
CCW CHANNEL				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
04/02/2007 @ 1015	<0.10 mg/L	04/05/2007 @ 1624	TSF	EPA 8015

### **April 2007 Veliger Monitoring Information**

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
04/03/2007	0	0	15	04/03/2007	58	15	Inplant	RCW		J.Barns
04/12/2007	0	0	15	04/12/2007	29	15	Inplant	RCW		Dick Adcock
04/20/2007	0	0	15	04/20/2007	58	15	Inplant	RCW		Dick Adcock
04/26/2007	0	0	16	04/26/2007	14	16	Inplant	RCW		Dick Adcock

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different Name TVA - SEQUOYAH NUCLEAR PLANT Address P.O. BOX 2000					ARGE ELIMINATION  NITORING REPO	SYSTEM (NPDES) ORT (DMR)	MAJOR (SUBR 01)			rm Approv IB No. 204		
(INTEROFFICE SB-2A)		· <del></del>	TNO	026450		101 G	F - FINAL					
SODDY - DAISY TN 37384		· <del>_</del>		T NUMBER	DISCHA	ARGE NUMBER	DIFFUSER DISCH	HARGE				
Facility TVA - SEQUOYAH NUCLEAR P	LANT	<u> </u>					EFFLUENT					
Location HAMILTON COUNTY		_	MONITORING PERIOD									
ATTN: Stephanie A. Howard			From 07	MO DA'		04 30	*** NO DISCHA		***	ting this fo		
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NAME/TITLE PRINCIPAL EXECUTIVE OFFI			ment and all attachments a system designed to as		under my	iohania (	1. Howard	TEL	EPHONE	<u> </u>	DATE	
J. Randy Douet Site Vice President	properly gather and persons who mana information, the inf	d evaluate the information age the system, or those ormation submitted is, t	on submitted. Based on m persons directly responsi to the best of my knowledge	y inquiry of the ible for gatherir ge and belief, to	ng the rue,	Principal Environm		423	843-6700	07	05	10
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Name TVA - SEQUOYAH NUCLEAR PLANT	Different) NATIONAL		ARGE ELIMINATION SYSTEM (NPDES DNITORING REPORT (DMR)	MAJOR (SUBR 01)		orm Approved. MB No. 2040-0004
Address P.O. BOX 2000  (INTEROFFICE SB-2A)  SODDY - DAISY TN 37384	_	TN0026450 RMIT NUMBER	101 T DISCHARGE NUMBER	F - FINAL BIOMONITORING FOR OUTF	ALL 101	1
Facility TVA - SEQUOYAH NUCLEAR PLANT Location HAMILTON COUNTY	YE	MON AR MO DA	TORING PERIOD Y YEAR MO DAY	EFFLUENT NO DISCHARGE	7 ***	
ATTN: Stephanie A. Howard	From 0	7 04 0	1 To 07 04 30	NOTE: Read instructions before	re compl	
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	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	Manlania Odlar Vard	TE	LEPHONE		DATE	
J. Randy Douet	properly gather and evaluate the internation sobilities, based on my inquity of the person of	Asseption we with the second					
Site Vice Breeident	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,	Principal Environmental Engineer	423	843-6700	07	05	10
	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.	SIGNATURE OF PRINCIPAL EXECUTIVE	155				
TYPED OR PRINTED	, , , , , , , , , , , , , , , , , , , ,	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

Toxicity was not sampled in April 2007.

PERMITTEE NAME/ADDRESS (Include Fa  Name TVA - SEQUOYAH NUCLEA  Address P.O. BOX 2000  (INTEROFFICE SB-2A)  SODDY - DAISY TN 37384  Facility TVA - SEQUOYAH NUCLEAR P  Location HAMILTON COUNTY	AR PLANT	if Different)	DIS TNC PERMI	CHARGE MO 0026450 IT NUMBER MON	ITORING PERIOD	103 G F GENUMBER L	IAJOR SUBR 01) - FINAL OW VOL. WASTE ' FFLUENT	TREATME	O	orm Approved MB No. 2040- ND	
ATTN: Stephanie A. Howard			From <b>07</b>	MO DA  04 0'		MO DAY 04 30	NOTE: Read instru	<u> </u>	*** e comp	letina this form	n.
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	]	ANALYSIS	
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SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	77	89	26	******	9	10	19	0	4 / 30	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	<47	<58	26	*****	<6	<6	19	0	4/30	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	10	WEEKLY	GRAB

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I Certify under penalty of law that this document and all attachments were prepared under my	at 1 . O.da	TE	LEPHONE		DATE	
J. Randy Douet	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	Stephanie a Hervard					T
Sita Vica President	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	Principal Environmental Engineer SIGNATURE OF PRINCIPAL EXECUTIVE	423	843-6700	07	05	10
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

PERMIT/ REQUIREMENT SAMPLE **MEASUREMENT** 

PERMIT REQUIREMENT

PERMITTI	EE NAME/ADDRESS (Include Facility Name/Location if Different)
Name	TVA - SEQUOYAH NUCLEAR PLANT
Address	P.O. BOX 2000
	(INTEROFFICE SB-2A)
	SODDY - DAISY TN 37384
Facility	TVA - SEQUOYAH NUCLEAR PLANT
Location	HAMILTON COUNTY

ATTN: Stephanie A. Howard

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

MONITORING PERIOD

YEAR

To | 07

107 G

Form Approved. OMB No. 2040-0004

TN0026450 PERMIT NUMBER

DAY

01

YEAR

07

From

MO

04

DISCHARGE NUMBER

F - FINAL METAL CLEANING WASTE POND

**EFFLUENT** 

MAJOR

(SUBR 01)

MO DAY \*\*\* NO DISCHARGE 04 30

XX

NOTE: Read instructions before completing this form. **PARAMETER** QUANTITY OR LOADING QUALITY OR CONCENTRATION NO. FREQUENCY SAMPLE OF TYPE ΕX **ANALYSIS AVERAGE** MAXIMUM UNITS MINIMUM **AVERAGE** MAXIMUM UNITS РΗ SAMPLE \*\*\*\*\*\* \*\*\*\*\* \*\*\*\*\*\* •• 12 MEASUREMENT 00400 1 0 0 PERMIT \*\*\*\*\*\* \*\*\*\*\*\* \*\*\* \*\*\*\*\* SU GRAB 6.0 DAILY 9.0 REQUIREMENT EFFLUENT GROSS VALUE MINIMUM MAXIMUM SAMPLE SOLIDS, TOTAL SUSPENDED \*\*\*\*\* \*\* 19 MEASUREMENT 00530 1 0 0 ·SC PERMIT 将於 \*\*\*\*\*\*\* \*\*\*\*\* \*\*\* \*\*\*\*\* \*\*\*\*\*\* MG/L DAILY 30 過影響 REQUIREMENT EFFLUENT GROSS VALUE DAILY MX 1.8 32 (20 je<sup>3</sup> OIL AND GREASE SAMPLE \*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* 19 MEASUREMENT 00556 1 0 PERMIT \*\*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\* \*\*\*\*\* 15 MG/L DAILY GRAB REQUIREMENT EFFLUENT GROSS VALUE DAILY MX PHOSPHORUS, TOTAL (AS P) SAMPLE \*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* \*\* 19 MEASUREMENT PERMIT : 00665 1 0 0 \*\*\*\*\*\* \*\*\*\*\*\* \*\*\*\* \*\*\*\*\* \*\*\*\*\*\* MG/L DAILY COMPOS 1.0 TOPE TOPE A REQUIREMENT 35.43 EFFLUENT GROSS VALUE DAILY MX Part of COPPER, TOTAL (AS CU) SAMPLE \*\*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 19 MEASUREMENT 01042 1 0 0 \* PERMIT \*\*\*\*\* المتكفية فالمتعاف \*\*\*\* . . . . . . . . . . . . . . . \*\*\*\*\*\* 14 Os (\$1) MG/L DAILY COMPOS REQUIREMENT EFFLUENT GROSS VALUE DAILY MX SAMPLE IRON, TOTAL (AS FE) \*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* \*\*\*\*\*\* \*\* 19 MEASUREMENT 01045 1 0 0 PERMIT \*\*\*\*\* \*\*\*\* \*\*\*\*\* 1.0 MG/L DAILY COMPOS REQUIREMENT EFFLUENT GROSS VALUE DAILY MX 37003 FLOW, IN CONDUIT OR THRU SAMPLE \*\*\*\*\*\* \*\*\*\*\* 03 MEASUREMENT TREATMENT PLANT 50050 1 0 0 PERMIT \*\*\*\*\*\*\* \*\*\*\* REPORT: REPORT MGD \*\*\*\*\* \*\*\*\*\* DAILY REQUIREMENT **EFFLUENT GROSS VALUE** DAILY MX 7.5.20克克·阿尔克斯 MO AVG

	I Certify under penalty of law that this document and all attachments were prepared under my	01-0 0 0	TE	LEPHONE	]	JATE,	
	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	Stephanie a Howard					
	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,	Principal Environmental Engineer	423	843-6700	07	05	10
	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.	SIGNATURE OF PRINCIPAL EXECUTIVE					
TYPED OR PRINTED	, , , , , , , , , , , , , , , , , , , ,	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

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

No Discharge this Period

PERMITTE	E NAME/ADDRESS (Include Facility Name/Location if Different)
Name	TVA - SEQUOYAH NUCLEAR PLANT
Address	P.O. BOX 2000
	(INTEROFFICE SB-2A)
	SODDY - DAISY TN 37384
Facility	TVA - SEQUOYAH NUCLEAR PLANT
Location	HAMILTON COUNTY

ATTN: Stephanie A. Howard

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

MONITORING PERIOD

To **07** 

**MAJOR** (SUBR 01) Form Approved. OMB No. 2040-0004

TN0026450 PERMIT NUMBER

MO DAY

01

04

YEAR

From 07

110 G DISCHARGE NUMBER

YEAR MO DAY

04

F - FINAL

RECYCLED COOLING WATER

**EFFLUENT** 

\*\*\* NO DISCHARGE

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30 NOTE: Read instructions before completing this form.

PARAMETER		QUAN	ITITY OR LOADING			QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	******	04	*****	*****		04			
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OIL AND GREASE	SAMPLE MEASUREMENT	*****	******	**	******	*****		19			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		******	***			15 DAILY MX	MG/L		DAILY	GRAB
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	******	*******	*******	****		DAILŸ	CALCTD
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	PERMIT REQUIREMENT		and the second of the second o						1480 1480		

	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	Stephanie a. Loward	TE	LEPHONE		'DATE	
	properly gather and evaluate the information submitted. Based on my inquiry of the person or	A reprience C. La Ware					
	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,	Principal Environmental Engineer	423	843-6700	07	05	10
Site Vice President	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.	SIGNATURE OF PRINCIPAL EXECUTIVE					
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Facility	TVA - SEQUOYAH NUCLEAR PLANT
Location _	HAMILTON COUNTY

ATTN: Stephanie A. Howard

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

TN0026450 110 T
PERMIT NUMBER DISCHARGE NUMBE

01

YEAR

From 07

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04

MBER DISCHARGE NUMBER

MONITORING PERIOD
DAY
YEAR MO DAY

04

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To **07** 

MAJOR (SUBR 01) F - FINAL Form Approved.
OMB No. 2040-0004

EFFLUENT

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

RECYCLED COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	1	ANALYSIS	
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			
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		12 I ai Adlanced	TE	LEPHONE		DATE	
	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	Stephanie attenuard					
	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,	Principal Environmental Engineer	423	843-6700	07	05	10
Site Vice President	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.	SIGNATURE OF PRINCIPAL EXECUTIVE					ļ
TYPED OR PRINTED	anomaton, including the possibility of the and imprisonment of knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

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

No Discharge this Period

PERMITTEE NAME/ADDRESS (Include Fa	•	f Different)			ARGE ELIMINATION SYNITORING REPORT		MAJOR (SUBR 01)			orm Approved MB No. 2040-	
Address P.O. BOX 2000 (INTEROFFICE SB-2A)			TNO	026450		116 G	F - FINAL				
SODDY - DAISY TN 37384				T NUMBER	DISCHAR	GE NUMBER	BACKWASH				
Facility TVA - SEQUOYAH NUCLEAR P	LANT	<del></del>	FERINI	INOMBER	DISCHAR	GE NOMBEK					
Location HAMILTON COUNTY	= ***'			MONI	TORING PERIOD		EFFLUENT				
		<del></del>	YEAR	MO DA			*** NO DICOUADO	·- [	***		
ATTN: Stephanie A. Howard			From 07	04 01	To <b>07</b>	04 30	*** NO DISCHARG	7E			
ATTIV. Otephanie A. Howard				<u> </u>		<u> </u>	NOTE: Read instru	actions befor	e compl	eting this form	t.
PARAMETER		QUAN	ITITY OR LOADING			QUALITY OR CO	ONCENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
DEBRIS, FLOATING (SEVERITY)	SAMPLE MEASUREMENT	******	*****	**	*****	*****	0	9A	0	1 / 30	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	1/30	VISUAL
34066 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		REPORT MO TOTAL	YES=1 NO=0	******	*******		****		SEE: PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT					e de la companya de l					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						dispersion of the second of th			1000 Sec. 100	
	SAMPLE MEASUREMENT			ļ					S		7 V 1980 Jan 14 June 2
	PERMIT REQUIREMENT				Company of the Compan						16.3% 6
	SAMPLE MEASUREMENT										The second of the second second second
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT								2	<i></i>	
	PERMIT REQUIREMENT					ministration in the second					

		I Certify under penalty of law that this document and all attachments were prepared under my	1 th aloca in Outloon	TE	LEPHONE		DATE	
	J. Randy Douet	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	Stephanie a. Howard					T
		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,	Principal Environmental Engineer	423	843-6700	07	05	10
		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.	SIGNATURE OF PRINCIPAL EXECUTIVE	7		L	110	1
Ì	TYPED OR PRINTED	,	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	DAY

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)
	SODDY - DAISY TN 37384
Facility	TVA - SEQUOYAH NUCLEAR PLANT
Location	HAMILTON COUNTY

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

MONITORING PERIOD

To

<sup>(S)</sup> MAJOR (SUBR 01) Form Approved.

OMB No. 2040-0004

TN0026450 PERMIT NUMBER

МО

04

DAY

01

YEAR

From 07

117 G DISCHARGE NUMBER

MO

04

DAY

30

YEAR

07

BACKWASH EFFLUENT

F - FINAL

\*\*\* NO DISCHARGE

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

FREQUENCY SAMPLE QUANTITY OR LOADING QUALITY OR CONCENTRATION NO. PARAMETER OF TYPE ΕX ANALYSIS UNITS **AVERAGE** MAXIMUM UNITS MINIMUM **AVERAGE** MAXIMUM SAMPLE \*\*\*\*\* \*\*\*\*\* VISUAL \*\*\*\*\*\* 1/30 DEBRIS, FLOATING (SEVERITY) \*\*\*\*\*\* 0 0 9A MEASUREMENT <\*\*\*\*\*\*\*\* > } VISUAL 01345 1 PERMIT \*\*\*\*\* \*\*\*\* \*\*\*\*\*\* \*\*\*\*\* PASS=0 \* SEE REPORT REQUIREMENT FAIL=1 EFFLUENT GROSS VALUE PERMIT MO TOTAL \*\*\*\*\* VISUAL OIL AND GREASE VISUAL SAMPLE 1/30 0 0 94 **MEASUREMENT** PERMIT **VISUAL**® 84066 1 0 0 \*\*\*\*\* YES=1 \*\*\*\*\*\* \*\*\*\* \*SEE REPORT REQUIREMENT NO=0 EFFLUENT GROSS VALUE PERMIT MO TOTAL SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT 47.4 REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE **MEASUREMENT** PERMIT REQUIREMENT SAMPLE **MEASUREMENT** PERMIT REQUIREMENT

	I Certify under penalty of law that this document and all attachments were prepared under my	AL 1 . Odborson
J. Randy Douet	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	Stephanie atterward
	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,	Principal Environmental Engineer
	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT

TELEPHONE ODATE

I Engineer 423 843-6700 07 05 10

EXECUTIVE ED AGENT 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.

PERMITTE Name	EE NAME/ADDRESS (Include Facility Name/Location if Different) TVA - SEQUOYAH NUCLEAR PLANT
<u>Address</u>	P.O. BOX 2000
	(INTEROFFICE SB-2A)
	SODDY - DAISY TN 37384
Facility_	TVA - SEQUOYAH NUCLEAR PLANT
Location	HAMILTON COUNTY
ATTN: St	ephanie A. Howard

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

**MAJOR** (SUBR 01) F - FINAL

Form Approved. OMB No. 2040-0004

TN0026450 PERMIT NUMBER

118 G DISCHARGE NUMBER

04

DAY

30

**EFFLUENT** 

XX \*\*\*

MONITORING PERIOD YEAR MO DAY YEAR MO From 07 To 07 04 01

NOTE: Read instructions before completing this form.

**WASTEWATER & STORM WATER** 

\*\*\* NO DISCHARGE

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO.		SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	.**		******	******	19			
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	***	2.0 DAILY MN	****	****	MG/L		TWICE/:	The second second second
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******	**	*****	******		19			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	******	****	*****	*******	100 DAILY MX	MG/L		TWICE/	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	******	******	**	*****	*****		25			
00545 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	***	****	*****	1.0 DAILY MX	ML/L		ONCE/ MONTH	GRAB
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	******	*******	*******	*		*ONCE/:* BATCH	60 - 1 0 W W 100 06
	SAMPLE MEASUREMENT										
						and the second					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT: REQUIREMENT										

	I Certify under penalty of law that this document and all attachments were prepared under my	11-1 Dellar 2010	TELEPHONE		DATE		
J. Randy Douet		Stephanie adlerward					
Site Vice President	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,	Principal Environmental Engineer	423	843-6700	07	05	10
	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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	1051		1/515		<del> </del>
TYPED OR PRINTED	and the state of the possibility of the said stap too mistre of the said state.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	МО	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.