



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

February 10, 2005

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

Attention: Mr. Chip Hannah

Dear Mr. Hannah:

SEQUOYAH NUCLEAR PLANT - DISCHARGE MONITORING REPORT FOR
JANUARY 2005

Enclosed is the January 2005 Discharge Monitoring Report for Sequoyah Nuclear Plant.
Please contact me at (423) 843-6700 if you have any questions or comments.

Sincerely,

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

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

TN0026450 101 G
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 From YEAR MO DAY To YEAR MO DAY
 05 01 01 To 05 01 31

F - FINAL
 DIFFUSER DISCHARGE
 EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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 Z 0 0 INSTREAM MONITORING	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	11.0	04	0	31/31	MODEL
	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	*****	*****	**	*****	*****	25.5	04	0	31/31	RCORDR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	DEG. C.		SEE PERMIT	CK REQ.
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	7.1	*****	7.9	12	0	8/31	GRAB
	PERMIT REQUIREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	4	5	19	0	4/31	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	30 MO AVG	100 DAILY MX	MG/L		WEEKLY	GRAB
OIL AND GREASE 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	<5	<5	19	0	4/31	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	15 MO AVG	20 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	1483	03	*****	*****	*****	**	0	31/31	RCORDR
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	***		CONTINUOUS	RCORDR
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	<0.008	0.016	19	0	31/31	GRAB
	PERMIT REQUIREMENT	*****	*****	***	*****	0.036	0.058 INST MAX	MG/L		WEEK-DAYS	CALCTD

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.	<i>Stephanie A. Howard</i> Principal Environmental Engineer	TELEPHONE		DATE		
J. Randy Douet Site Vice President			423 843-6700	05	02	09	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

No closed mode operation. The following injections occurred: 1. PCL-222 (max. calc. conc. was 0.028mg/L—limit 0.100mg/L) 2. PCL-222/PCL-401 (max. calc. conc. was 0.010mg/L—limit 0.100mg/L)

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 Facility TVA - SEQUOYAH NUCLEAR PLANT
 Location HAMILTON COUNTY

MAJOR (SUBR 01)
 F - FINAL
 DIFFUSER DISCHARGE
 EFFLUENT

TN0026450 101 G
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 From 05 01 01 To 05 01 31

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE - C, RATE OF CHANGE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	0.1	62	0	31 / 31	CALCTD
82234 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2.0	DEG C /HR		CONTINUOUS	CALCTD
EFFLUENT GROSS VALUE											
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	1.3	04	0	31 / 31	CALCTD
00016 1 W 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5.0	DEG. C.		CONTINUOUS	CALCTD
EFFLUENT GROSS VALUE											
BORON, TOTAL	SAMPLE MEASUREMENT	*****	*****	**	<0.2	<0.2	<0.2	19	0	1 / 31	GRAB
01022 1 0 0	PERMIT REQUIREMENT	*****	*****	****	REPORT	REPORT	REPORT	MG/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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J. Randy Douet Site Vice President		423	843-6700	05	02	09
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

Stephanie A. Howard
 Principal Environmental Engineer
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 CCW data for January 2005 is attached.

CCW TRENCH

Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
01/12/2005 0825	< 0.5 mg/L	01/13/2005 2237	JBR	EPA 8015B

CCW CHANNEL

Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
01/12/2005 0820	< 0.5 mg/L	01/13/2005 2200	JBR	EPA 8015B

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

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
 From

YEAR	MO	DAY
05	01	01

 To

YEAR	MO	DAY
05	01	31

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

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	*****	*****	**	Monitoring Not Required	*****	*****	23			
TRP3B 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	43.9 MINIMUM	*****	*****	PERCENT		QTRLY	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	**	Monitoring Not Required	*****	*****	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	43.9 MINIMUM	*****	*****	PERCENT		QTRLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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J. Randy Douet Site Vice President		423	843-6700	05	02	09
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

Stephanie A. Howard
 Principal Environmental Engineer
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Toxicity was not sampled in January 2005.

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

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
 YEAR MO DAY YEAR MO DAY
 From 05 01 01 To 05 01 31

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: Stephanie A. Howard

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	*****	*****	**	7.1	*****	8.9	12	0	13 / 31	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	92	107	26	*****	10	12	19	0	4 / 31	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	<44	<45	26	*****	<5	<5	19	0	4 / 31	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	1.023	1.113	03	*****	*****	*****	**	0	31 / 31	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	**		DAILY	TOTALZ
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. Randy Douet 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.	<i>Stephanie A. Howard</i> Principal Environmental Engineer SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			423	843-6700	05	02	09
			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)
SODDY - DAISY TN 37384
 Facility TVA - SEQUOYAH NUCLEAR PLANT
 Location HAMILTON COUNTY

MAJOR
 (SUBR 01)

TN0026450 107 G
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 METAL CLEANING WASTE POND
 EFFLUENT

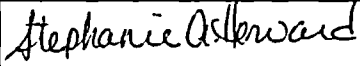
MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 From 05 01 01 To 05 01 31

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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			
PH	SAMPLE MEASUREMENT	*****	*****	**	7.9	*****	8.0	12	0	5 / 31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		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
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	2	19	0	5 / 31	COMPOS
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	30 DAILY MX	MG/L		DAILY	COMPOS
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	<5	19	0	5 / 31	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15 DAILY MX	MG/L		DAILY	GRAB
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	0.002	19	0	5 / 31	COMPOS
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	*****	1.0 DAILY MX	MG/L		DAILY	COMPOS
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	**	*****	*****	0.07	19	0	5 / 31	COMPOS
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	0.024	0.027	03	*****	*****	*****	**	0	5 / 31	CALCTD
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	***		DAILY	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. Randy Douet 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.	 Stephanie A. Howard Principal Environmental Engineer		TELEPHONE		DATE		
				423	843-6700	05	02	09
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY

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

The Lined Metal Pond was discharged directly to the LVWTP (Outfall 103) on January 6, 7, 10, 11, and 12, 2005. No phosphorous bearing cleaning solutions were used.

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

MAJOR
 (SUBR 01)
 F - FINAL

TN0026450	110 G
PERMIT NUMBER	DISCHARGE NUMBER

RECYCLED COOLING WATER
 EFFLUENT

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY	
05	01	01	To	05	01	31

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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			
PH		*****	*****	**		*****			12		
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**		*****			SU	DAILY	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM				
SOLIDS, TOTAL SUSPENDED		*****	*****	**	*****	*****			19		
00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****			MG/L	DAILY	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	30 DAILY MX				
OIL AND GREASE		*****	*****	**	*****	*****			19		
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****			MG/L	DAILY	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	15 DAILY MX				
COPPER, TOTAL (AS CU)		*****	*****	**	*****	*****			19		
01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****			MG/L	DAILY	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX				
IRON, TOTAL (AS FE)		*****	*****	**	*****	*****			19		
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****			MG/L	DAILY	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX				
PHOSPHORUS, TOTAL (AS P)		*****	*****	**	*****	*****			19		
00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**	*****	*****			MG/L	DAILY	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT				03	*****	*****	*****		**		
50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			03	*****	*****	*****		****	DAILY	CALCTD
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****				

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J. Randy Douet Site Vice President		423	843-6700	05	02	09
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

Stephanie A. Howard
 Principal Environmental Engineer
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

TN0026450 116 G
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 From

YEAR	MO	DAY
05	01	01

 To

YEAR	MO	DAY
05	01	31

F - FINAL
BACKWASH
EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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			
DEBRIS, FLOATING (SEVERITY)		*****	*****	**	*****	*****	0	9A	0	1/31	VISUAL
01345 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	*****	REPORT MO TOTAL	PASS=0 FAIL=1		SEE PERMIT	VISUAL
OIL AND GREASE VISUAL		*****	0	94	*****	*****	*****	**	0	1/31	VISUAL
84066 1 0 0 EFFLUENT GROSS VALUE		*****	REPORT MO TOTAL	YES=1 NO=0	*****	*****	*****	***		SEE PERMIT	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. Randy Douet 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	843-6700	05	02	09
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED 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.

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

TN0026450 117 G
PERMIT NUMBER DISCHARGE NUMBER

(SUBR 01)
F - FINAL
BACKWASH
EFFLUENT

MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
From 05 01 01 To 05 01 31

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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PARAMETER	X	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 / 31	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 / 31	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 J. Randy Douet 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.	<i>Stephanie A. Howard</i> Principal Environmental Engineer 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)
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

TN0026450			118 G		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
05	01	01	05	01	31

F - FINAL
WASTEWATER & STORM WATER
EFFLUENT

*** NO DISCHARGE ***

ATTN: Stephanie A. Howard

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J. Randy Douet 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	843-6700	05	02	09
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Stephanie A. Howard</i>		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.