

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. Herward

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

JE25

PERMITTEE NAME/ADDRESS (Include Fac Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000 (INTEROFFICE SB-2A) SODDY - DAISY TN 37384		Different) 	DISC			(DMR)	MAJOR (SUBR 01) F - FINAL DIFFUSER DISCHAF	RGE		m Approved 18 No. 2040	
Facility TVA - SEQUOYAH NUCLEAR PL Location HAMILTON COUNTY		·	[TORING PERIOD		EFFLUENT				
ATTN: Stephanle A. Howard			_	01 01		01 31	*** NO DISCHARG NOTE: Read instru	ليصحيا	•••• e comple	ting this for	n.
PARAMETER	\smallsetminus	QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO. EX	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	******	******	**	******	******	11.0	04	0	31/31	MODELD
00010 Z 0 0 INSTREAM MONITORING	PERMIT			****				DEG. C.		PERMIT	CK REQ
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	******	*****	**	*****	*****	25.5	04	0	31/31	RCORDR
00010 1 0 0 EFFLUENT GROSS VALUE	PERMIT			****				DEG. C.		SEE PERMIT	CK REQ
РН	SAMPLE MEASUREMENT	******	******	**	7.1	******	7.9	12	0	8/31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	****	******	**	*******	4	5	19	0	4/31	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			****		30 MO AVG	100 DAILY MX	MG/L	1000	WEEKLY	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	******	******	**	*****	<5	<5	19	0	4/31	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			***		15 MO AVG	20 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	1483	03	******	******	******	**	0	31/31	RCORDR
50050 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			MGD	******			****			RCORDR
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	******	**	****	<0.008	0.016	19	0	31/31	GRAB
50060 1 0 0 EFFLUENT GROSS VALUE				****		0.036	0.058 INST MAX	MG/L		WEEK-	CALCTD
NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICER Certify under p	enalty of law that this doc	ument and all attachment	s were prepare	ed under my		<i>it</i>	TELEPH	ONE		DATE
J. Randy Douet	direction or super property gather :	rvision in accordance with and evaluate the informati	h a system designed to as ion submitted. Based on n	isure that qual ny inquiry of th	lifled personnel L.H.C.P	hance Q1.					
Site Vice President	information, the accurate, and co	information submitted is , mplete. I am aware that t	Persons directly response to the best of my knowled here are significant penalt e and imprisonment for knowledge	ige and belief, lies for submit	true, FI	incipal Environm			3-6700		02 09
TYPED OR PRINTED			·			FFICER OR AUTHO		REA NU	JMBER	YEAR	MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) No closed mode operation. The following injections occured: 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)

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000 (INTEROFFICE SB-2A) SODDY - DAISY TN 37384	R PLANT	" Different) 			ARGE ELIMINATION SY NITORING REPORT		MAJOR (SUBR 01) F - FINAL DIFFUSER DISCHAF	RGE		orm Approved MB No. 2040-	
Facility TVA - SEQUOYAH NUCLEAR PL Location HAMILTON COUNTY	LANT		From 05	MONI MO DA 01 01		MO DAY 01 31	EFFLUENT *** NO DISCHARG NOTE: Read Instru		*** = como!	eting this form	
PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CO			NO.	FREQUENCY	
	$\left \right\rangle$	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
TEMPERATURE - C, RATE OF CHANGE	SAMPLE MEASUREMENT	******	*****	**	******	*******	0.1	62	0	31/31	CALCTD
82234 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			****			2.0	DEG C /HR			CALCTD
TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C	SAMPLE MEASUREMENT	******	******	**	******	******	1.3	04	0	31/31	CALCTD
00016 1 W 0 EFFLUENT GROSS VALUE		*******		****			5.0	DEG. C.		CONTIN	CALCTD
BORON, TOTAL	SAMPLE MEASUREMENT	******	******	**	<0.2	<0.2	<0.2	19	0	1/31	GRAB
01022 1 0 0 EFFLUENT GROSS VALUE				****	REPORT	REPORT	REPORT	MG/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	REQUIREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT		,								
	REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT										

	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	Herbania Aslanda I	TE	LEPHONE		DATE	
J. Randy Douet	property gauter and eraled to an eral and the percent of	Stephanie alloward					
	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	05	02	09
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					
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	мо	DAY

CCW data for January 2005 is attached.

CCW TRENCH

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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
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>				
<u></u>		<u></u>		
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

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PERMITTEE NAME/ADDRESS (Include F Name TVA - SEQUOYAH NUCLE Address P.O. BOX 2000 (INTEROFFICE SB-2A) SODDY - DAISY TN 37384		Different) 					MAJOR (SUBR 01) F - FINAL BIOMONITORING F	OR OUTFA	ON	rm Approvec /IB No. 2040	
Fadility TVA - SEQUOYAH NUCLEAR					TORING PERIOD	MO DAY 01 31	EFFLUENT		***		
ATTN: Stephanie A. Howard PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CO	NOTE: Read instru-	uctions before	NO.	FREQUENCY	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TYPE
IC25 STATRE 7DAY CHR CERIODAPHNIA	SAMPLE MEASUREMENT	******	******	**	Monitoring Not Required	******	******	23			
TRP3B 1 0 0 EFFLUENT GROSS VALUE	PERMIT			****	43.9 MINIMUM	*******		PERCENT		OTRLY	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	******	******	**	Monitoring Not Required	*******	******	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE				****	43.9 MIMINUM			PERCENT		• QTRLY •	COMPOS
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT								1.00		
	SAMPLE MEASUREMENT										
	REQUIREMENT										
	SAMPLE MEASUREMENT										
	REQUIREMENT			 							
	SAMPLE MEASUREMENT					 					
	REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OF			ument and all attachments h a system designed to as		ed under my	nbanie (Monard	TELEPH	DNE		DATE
J. Randy Douet Site Vice President	property gather a persons who ma information, the i	and evaluate the informati nage the system, or those information submitted is .	ion submitted. Based on n a persons directly respons to the best of my knowled here are significant penal	ny inquiry of the	ring the	incipal Environm	antal Casinoon	423 84: I	3-6700	05	02 09

TYPED OR PRINTED

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

information, including the possibility of fine and imprisonment for knowing violations,

Toxicity was not sampled in January 2005.

YEAR MO

DAY

AREA CODE

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

NUMBER

ERMITTEE NAME/ADDRESS (Include F ame TVA - SEQUOYAH NUCLE ddress P.O. BOX 2000 (INTEROFFICE SB-2A)				026450	DNITORING REPORT	(DMR)	MAJOR (SUBR 01) F - FINAL		0!	MB No. 2040-	0004
SODDY - DAISY TN 3738			PERMI	T NUMBER	DISCHAR	GE NUMBER	LOW VOL. WASTE T	REATME	NT PO	D	
acility TVA - SEQUOYAH NUCLEAR ocation HAMILTON COUNTY	PLANI			MON	TORING PERIOD		EFFLUENT				
TTN: Stephanie A. Howard			From 05	MO DA 01 01		MO DAY 01 31	*** NO DISCHARG NOTE: Read instru		*** e compl	eting this form	n.
PARAMETER	$\overline{\nabla}$	QUAN	TITY OR LOADING	<u></u>	1	QUALITY OR CO	DNCENTRATION		NO.	FREQUENCY	SAMPLE
	\mid	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TYPE
Н	SAMPLE MEASUREMENT	******	******	**	7.1	******	8.9	12	0	13/31	GRAB
0400 1 0 0 FFLUENT GROSS VALUE	PERMIT			**	6.0 MINIMUM	******	9.0 MAXIMUM	SU		THREE/	GRAB
OLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	92	107	26	*******	10	12	19	0	4/31	GRAB
0530 1 0 0 FFLUENT GROSS VALUE		380 MO'AVG	DAILY MX	LBS/DY	******	30 MO AVG	A 45 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MG/L		WEEKLY	GRAB
DIL AND GREASE	SAMPLE MEASUREMENT	<44	<45	26	******	<5	<5	19	0	4/31	GRAB
0556 1 0 0 FFLUENT GROSS VALUE		190 MO AVG	250 DAILY MX	LBS/DY		15 MO AVG	COLUMN TRACT AND A DEPOSIT	MG/L		WEEKLY	GRAB
LOW, IN CONDUIT OR THRU REATMENT PLANT	SAMPLE MEASUREMENT	1.023	1.113	03	****	*******	*****	**	0	31/31	TOTAL
0050 1 0 0 FFLUENT GROSS VALUE	REQUIREMENT	REPORT MO AVG		MGD				**		DAILY	TOTAL
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT		<u> = , = , = = , = , = , = , = , = , = , </u>			<u></u>				<u>, , , , , , , , , , , , , , , , , , , </u>	
	REQUIREMENT			1							

		I Certify under penalty of law that this document and all attachments were prepared under my	11 1 . T. O.cla	TE	LEPHONE		DATE	
	J. Randy Douet	direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or	Stephanie alloward					
		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	05	02	09
·		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 FUSI ANATION OF ANALISA							

PERMITTEE NAME/ADDRESS (Include Fa <u>Name</u> TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000 (INTEROFFICE SB-2A)		Different)				EPORT	(DMR)	MAJOR (SUBR 01) F - FINAL		O	rm Approved //B No. 2040-	
SODDY - DAISY TN 37384 Facility TVA - SEQUOYAH NUCLEAR P		·	PERMIT	NUMBER		CHARG	<u>GE NUMBER</u>	METAL CLEANING	WASTE PC	ND		
Location HAMILTON COUNTY		·			TORING PE			EFFLUENT				
			per la companya de la	MO DA				*** NO DISCHAF		***		
ATTN: Stephanie A. Howard			From 05	01 0'		05	01 31	NOTE: Read ins	tructions befor	e comple	eting this form	٦.
PARAMETER	$\overline{\mathbf{N}}$	QUAN	TITY OR LOADING		[(QUALITY OR CON			NO.	FREQUENCY	SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMU	M 1	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
РН	SAMPLE MEASUREMENT	******	******	**	7.9		*******	8.0	12	0	5/31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE				****	6.0			9.0	SU		DAILY	GRAB,
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	14_0720122222 *******	**	MINIMU		*****		19	39171	HANNEL OFFIC	an the second
00665 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			****				1.0 DAILY MX	61 - C		DAILY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*******	****	**	******		******	2	19	0	5/31	COMPOS
00530 1 0 0 EFFLUENT GROSS VALUE				****			******	30 DAILY MX	MGIL		el DAILY	COMPOS
OIL AND GREASE	SAMPLE MEASUREMENT	******	*****	**	*****	r#	*****	<5	19	0	5/31	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT	*****		****				15 DAILY MX	641		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			****				1.0 DAILY MX			DAILY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.024	0.027	03	******	**	*****	*****	**	0	5/31	CALCTD
50050 1 0 0	PERMIT-	REPORT	REPORT	MGD	******		N		****		DAILY	CALCTD
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MX			11.13.21			Č	3.5		
NAME/TITLE PRINCIPAL EXECUTIVE OFF		oally of law that this doe	most and all attachmost		nd under mu			, 	TELEPH	01/5		
J. Randy Douet	direction or supe property gather a	rvision in accordance wit nd evaluate the informat	h a system designed to as ion submitted. Based on n persons directly respons	sure that quainy inquiry of th	lified personnel		shanie as					
Site Vice President	information, the i accurate, and co	nformation submitted is , mplete. I am aware that t	to the best of my knowled here are significant penalt e and imprisonment for kn	ge and belief, ies for submit	true, ling faise	SIGNA		IPAL EXECUTIVE		3-6700		02 09
TYPED OR PRINTED							FICER OR AUTHO		AREA NI CODE	JMBER	YEAR	MO DAY

LANATION OF ANY VIOLATIONS (Reference all attachments here) COW

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.

PERMITTEE NAME/ADDRESS (Include F Name TVA - SEQUOYAH NUCLE Address P.O. BOX 2000 (INTEROFFICE SB-2A)		f Different) 	r		ARGE ELIMINA INITORING R			MAJOR (SUBR 01) F - FINAL				n Approved 3 No. 2040		• '
SODDY - DAISY TN 37384		- — [·]		T NUMBER		CHAR	GE NUMBER	RECYCLED COOL	ING W	ATER				
Facility TVA - SEQUOYAH NUCLEAR								EFFLUENT						
Location HAMILTON COUNTY			YEAR				MO DAY			———				
ATTN: Stephanie A. Howard			From 05	01 01			01 31	*** NO DISCHAI NOTE: Read Ins		XX ***	mpleti	na this for	n.	
PARAMETER		QUAN	TITY OR LOADING				QUALITY OR CO			N		REQUENCY		IPLE
	\mid \times									E	x	OF ANALYSIS	יד	PE
		AVERAGE	MAXIMUM	UNITS	MINIMU		AVERAGE	MAXIMUM						
РН	SAMPLE MEASUREMENT	******	******	**			*******			12	ľ		ł	ſ
00400 1 0 0	PERMIT	10 1 **********************************	*********	****	6.0		*******	9.0		ະບ 🗄	2.1	DAILY	GF	RAB,
EFFLUENT GROSS VALUE	REQUIREMENTS			1	MINIM								1 1	9. S
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	****	**	*****	and the second second	******			19				
00530 1 0 0	eter PERMIT			****	17777 ***** *	**		21 22 30	м	G/L		DAILY	CON	APOS
EFFLUENT GROSS VALUE	REQUIREMENT				and the second sec			- DAILY MX		1.5				
OIL AND GREASE	SAMPLE MEASUREMENT	******	******	**	*****	**	******			19				
00556 1 0 0	STASPERMIT STA	()		****	210212 *****	****	*******	M	20 M	G/L	10	DAILY	CON	APOS
EFFLUENT GROSS VALUE	REQUIREMENT							DAILY MX					10.5	1.1
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	******	**	*****	**	******			19		<u></u>		<u> </u>
01042 1 0 0	15 PERMIT		******	****	*****	****	******	1.0	<u>ه</u> ا M	Grl 🔛	377 Q	DAILY	CON	MPOS
EFFLUENT GROSS VALUE	REQUIREMENT							DAILY MX		1944	1.1.1		3.2	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****	**	*****	**	******			19	<u> </u>	1995, ¹ 921, 2.2, 4. 49		10.21210
01045 1 0 0	PERMITONAL			****		**2432	****	1.0	i M	Gr. 🗔	100	DAILY		JPOS
EFFLUENT GROSS VALUE	REQUIREMENT		的。 数据 4 - 3 - 1 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3		1.	(11), 70 (1), (1), 79 (1), 1 (1), 79 (1), 1 (1), 79 (1), 1 (1), 70 (1), 1 (1), 70 (1), 1 (1),		DAILY MX		一一一边。	522) 151	الكرمين والمجار المح	1	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	******	**	*****		*****			19	1.2		<u> </u>	
00665 1 0 0	Var PERMIT			****		** 332	4.2.********	1.0	E M	G/L		DAILY	CON	APOS
EFFLUENT GROSS VALUE	REQUIREMENT				法 定。			DAILY MX	-1.V	圖圖			12.004	1.1.1.1
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT		<u> </u>	03	*****	**	******	*******	<u></u>	**		<u></u>		
50050 1 0 0	Sev PERMIT.	DEPOPT	DEPORT TO	MGD	******	*******	· ·		ल ,		10510		CAI	CTD.
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG										DAILY		
L			یلیز ۲۰۱۰ میرو در میرو سرو میرو	L			المناقبة والمستحم والمتحافظ والمناقبة والمستحم والمستحم والمتحافظ والمناقبة والمناقبة والمناقبة والمناقبة والم	antar (Marke Militar Military) 1		<u>Dttl</u>	<u></u>	and a second second se		
NAME/TITLE PRINCIPAL EXECUTIVE OF		enalty of law that this doc arvision in accordance wit				14	alante (d. Howard	T	LEPHONE	:		DATE	
J. Randy Douet	property gather	and evaluate the informat	ion submitted. Based on (my inquiry of th	e person or									
Site Vice President	information, the accurate, and co	inage the system, or those information submitted is , complete, I am aware that t	to the best of my knowled here are significant penal	ige and belief, ties for submit	true, ling false	SIGN	ATURE OF PRIN	nental Engineer	423	843-67	700	05	02	09
TYPED OR PRINTED	n inormation, Inc	uding the possibility of fin	a and improviment for Ki	www.A MOIS(IO	113.	OF	FICER OR AUT	IORIZED AGENT	AREA CODE	NUMB	ER	YEAR	мо	DAY

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

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLE/ Address P.O. BOX 2000		Different)			ARGE ELIMINATION SY INITORING REPORT	• • •	MAJOR (SUBR 01)			rm Approved MB No. 2040-	
(INTEROFFICE SB-2A) SODDY - DAISY TN 37384 Facility TVA - SEQUOYAH NUCLEAR P				026450 T NUMBER	DISCHAR	116 G GE NUMBER	F - FINAL BACKWASH				
Location HAMILTON COUNTY	~			MONI MO DA 01 01		MO DAY	EFFLUENT	e 🗌	***		
ATTN: Stephanie A. Howard			From [05]	01 01		01 31	NOTE: Read Instru	ctions before	e comple	eting this form	ז.
PARAMETER		QUAN	TITY OR LOADING	•		QUALITY OR CO	DNCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	ł	ANALISIS	
DEBRIS, FLOATING (SEVERITY)	SAMPLE MEASUREMENT	******	*****	**	*****	******	0	9A	0	1/31	VISUAL
01345 1 0 0 EFFLUENT GROSS VALUE				****			REPORT MO TOTAL	PASS=0 FAIL=1		SEE	- VISUAL
OIL AND GREASE VISUAL	SAMPLE MEASUREMENT	******	0	94	*****	*****	*****	**	0	1/31	VISUAL
84066 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT	P.57 ******	REPORT MO TOTAL	YES=1 NO=0		********				PERMIT	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT										
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	SAMPLE MEASUREMENT										
	REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER I Certify under p	enalty of law that this doc nvision in accordance will	ument and all attachment h a system designed to a	is were prepare	ed under my	la nio Or	loward -	TELEPH	ONE		DATE

	I Certify under penalty of law that this document and all attachments were prepared under my	Indu - Oilleure	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 alloward					
	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 bellef, true,	Principal Environmental Engineer	423	843-6700	05	02	09
	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	MO	DAY

Operations performs visual inspections for floating debris and oil and grease during all backwashes.

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PERMITTEE NAME/ADDRESS (Include F Name TVA - SEQUOYAH NUCLE Address P.O. BOX 2000 (INTEROFFICE SB-2A) SODDY - DAISY TN 37384						SYSTEM (NPDES) RT (DMR) 117 G ARGE NUMBER	MAJOR (SUBR 01) F - FINAL BACKWASH			rm Approved MB No. 2040-	
Fadility TVA - SEQUOYAH NUCLEAR Location HAMILTON COUNTY ATTN: Stephanie A. Howard	<u>PLANT</u>		YEAR From 05	MON MO DA 01 0			EFFLUENT *** NO DISCHAR NOTE: Read inst	· · · · · ·	***	otion this form	
PARAMETER		QUAN	TITY OR LOADING			QUALITY OR C	ONCENTRATION		NO. EX	FREQUENCY	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS]	ANALYSIS	1
DEBRIS, FLOATING (SEVERITY)	SAMPLE MEASUREMENT	******	******	**	*****	******	0	9A	0	1/31	VISUAL
01345 1 0 0 EFFLUENT GROSS VALUE	PERMIT			****			REPORT MO TOTAL	PASS=0 FAIL=1			VISUAL
DIL AND GREASE VISUAL	SAMPLE MEASUREMENT	*****	0	94	******	*****	*******	**	0	1/31	VISUAL
34066 1 0 0 EFFLUENT GROSS VALUE		· · · · · · · · · · · · · · · · · · ·	REPORT MO TOTAL	YES=1 NO=0				****		PERMIT.	
	SAMPLE MEASUREMENT	<u>an banga mangputa mangput</u>			Charles and the function of the second	<u> </u>	terendi (terende andre de la terende de B La terende de la terende de	<u></u>	(Frank)	JF CLYNELS	<u>1715 (6) 637(5</u>
	SAMPLE MEASUREMENT		19 CLASSING CONTRACTOR		<u> </u>			<u> </u>	17/2522		
	PERMIT (AR										
	SAMPLE MEASUREMENT						20024 (1), 1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			and the second	1015
	REQUIREMENT										
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	REQUIREMENT										
	SAMPLE MEASUREMENT						<u></u>			 	
	REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER 1 Certify under pu	enalty of law that this doc	ument and all attachment h a system designed to as	s were prepar	ed under my	zphanie a	down	TELEPH	ONE		ATE
J. Randy Douet Site Vice President	property gather a persons who ma information, the i	and evaluate the informationage the system, or those information submitted is .	ion submitted, Based on n e persons directly respons to the best of my knowled	ny inquiry of the sible for gather ige and belief,	ring the true,	Principal Environ	mental Engineer	423 84	3-6700	05	02 09
TYPED OR PRINTED			here are significant penal e and imprisonment for kn			GNATURE OF PRIM OFFICER OR AUT	ICIPAL EXECUTIVE	AREA NU	IMBER	YEAR	MO DAY

TYPED OR PRINTED

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

Operations performs visual inspections for floating debris and oil and grease during all backwashes.

AREA CODE

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - SEQUOYAH NUCLEAR PLANT Address P.O. BOX 2000		NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) TN0026450 118 G				MAJOR (SUBR 01)			Form Approved.		
						F - FINAL					
			PERMIT_NUMBERDISCHARGE_NUMBER_				WASTEWATER & STORM WATER				
FacilityTVA - SEQUOYAH NUCLEAR F								••••••••••	•		
Location HAMILTON COUNTY					TORING PERIOD		EFFLUENT				
						MO DAY	*** NO DISCHARG	EXX	***		
ATTN: Stephanie A. Howard			From 05	01 01	To <u>05</u>	01 31	NOTE: Read Instru	ctions before	e compi	etina this form	n.
PARAMETER		QUAN	NTITY OR LOADING		QUALITY OR CO		ONCENTRATION			FREQUENCY	_
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	111 44
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	******	******	**		******	******	19			
00300 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT			****	2.0 DAILY MN	1		MG/L		TWICE/	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	*****	**	*******	******		19	1		
00530 1 0 0 EFFLUENT GROSS VALUE				****		******	100 DAILY MX	MG/L		TWICE/	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	**	******	*****		25		fin	<u>- 81</u> 978
00545 1 0 0 EFFLUENT GROSS VALUE				****				ML/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	*****	*****	******	**			
50050 1 0 0 EFFLUENT GROSS VALUE	REQUIREMENT	REPORT MO AVG		MGD	******	*******		•		ONCE/ BATCH	ESTIMA
	SAMPLE MEASUREMENT										
						n en servicientent et al. Alternetistententententententententententententent					
	SAMPLE MEASUREMENT								İ		
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	SAMPLE MEASUREMENT								Τ		
NAME/TITLE PRINCIPAL EXECUTIVE OF			cument and all attachment th a system designed to at		ed under my	alanin A	Henrard -	TELEPH	IONE		DATE

	I Certify under penalty of law that this document and all attachments were prepared under my	It alway in Adamson	TELEPHONE		DATE		
	direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or	stephance 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	05	02	09
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					
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

During this reporting period, there has been no flow from the Dredge Pond other than that resulting from rainfail.