

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

February 09, 2010

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 JANUARY 2010

Enclosed is the January 2010 Discharge Monitoring Report for Sequoyah Nuclear Plant. If you have any questions or need additional information, please contact Ann Hurt at (423) 843-6714 or Stephanie Howard at (423) 843-6700 of Sequoyah's Environmental staff.

Sincerely,

Christopher R. Church 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, D.C. 20555

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PERMITTEE NAME/ADDRESS, (Include Fa Name TVA - SEQUOYAH NUCLEA		f Different)			ARGE ELIMINATION SY DNITORING REPORT		MAJOR (SUBR 01)	·		orm Approve VIB No. 2040	
Address P.O. BOX 2000 (INTEROFFICE SB-2A-SQN)	- 		TNO	026450		101 G	F - FINAL		•		٠.
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NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER Certify under p	penalty of law that this doc	cument and all attachment	s were prepare	ed under my		2/	TELEPH	ONE	<u> </u>	DATE
Christopher R. Church	properly gather	and evaluate the informat	th a system designed to a tion submitted. Based on r se persons directly respons	ny inquiry of th	ne person or	Sequoyah Site \	/ice President	423 Q4	3 7001	10	02 04

TYPED OR PRINTED 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

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

YEAR MO

423

AREA

CODE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

843-7001

NUMBER

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	e obtained.	
		·		
CCW CHANNEL				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
1/13/2010 @ 1345	. <0.10 mg/l	1/14/2010 @ 2227	KMF	EPH

					•						
Sample Date	Mean # of ZM/m3	% Settlers	Water Temp. (°C)	Sample Date	Mean# of Asiatic	Water Temp. (°C)	LOCATION	SUB LOCATION	NOTES: % Gravid Asiatic	COLLECTED BY	-
11/03/2009	133	. 0	16	11/03/2009	Clams/m3	16	Inplant	RCW	Clam	CMW	-
11/10/2009	417	6.1	16	11/10/2009	25	16	Inplant	RCW		CMW	
11/17/2009	269	0	16	11/17/2009	0	16	Inplant	RCW		CMW	
11/24/2009	36	50	15	11/24/2009	18	· 15	Inplant	RCW		, CMM	
12/01/2009	32	0	13.5	12/01/2009	0	13.5	Inplant	RCW		WE	
12/08/2009	38	0 :	11	12/08/2009	. 0	11	Inplant	RCW		CMW	
01/05/2010	0	0	6	01/05/2010	0	6	Inplant	RCW		В	
01/12/2010	0.	0	5	01/12/2010	0	5	Inplant	. RCW			
01/19/2010	0	0	. 6 .	01/19/2010	. 0	6	Inplant	RCW		P	
01/26/2010	32	0	7.5	01/26/2009	0	7.5	Inplant	RCW		NRT	
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Address P.O. BOX 2000 (INTEROFFICE SB-2A-SQN) SODDY - DAISY, TN 37384 Facility TVA - SEQUOYAH NUCLEAR PLAN Location HAMILTON COUNTY		<u> </u>	TNO	026450	· ;		,	(SUBR 01)					
SODDY - DAISY, TN 37384 Facility TVA - SEQUOYAH NUCLEAR PLAN			TN0026450 101 (G F-FINAL				
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Location HAMILTON COUNTY	T	_					SE NUMBER		IANGE				
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Christopher R. Church	direction or super properly gather a	vision in accordance with nd evaluate the informati	on submitted. Based on	my inquiry of th	e person or	L	till L	12	· .				
Sequoyah Site Vice President	information, the in accurate, and cor	age the system, or those formation submitted is neplete. I am aware that the	to the best of my knowle nere are significant pena	dge and belief, lities for submitt	true, ing false	SIGNA		CIPAL EXECUTIVE	423	843-7001			04
TYPED OR PRINTED		ang the possibility of the	e and imprisonment for k	and imprisonment for knowing violations. OFFICER OR AUTHO			ORIZED AGENT	AREA .	NUMBER	YEAR	MÓ I	DAY	

EPA Form 3320-1 (REV 3/99)

Previous editions may be used

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

Page 2 of 2

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000		if Different)			ARGE ELIMINATION S PNITORING REPOR		MAJOR (SUBR 01)			rm Approve IB No. 2040	
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Christopher R. Church	properly gather persons who m	and evaluate the informa anage the system, or thos	tion submitted. Based on e persons directly respon	my inquiry of the sible for gather	e person or ing the	Sequoyah Site \	/ice President				
Sequoyah Site Vice President	accurate, and c	information submitted is complete. I am aware that duding the possibility of fir	there are significant pena	lties for submitti	ing false SIGI	NATURE OF PRIN	CIPAL EXECUTIVE .		3-7001	10	02 04
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - SEQUOYAH NUCLEAR PLANT Address P.O. BOX 2000 (INTERDRETE SR 2A SON)			NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)				MAJOR (SUBR 01)	a .		orm Approve MB No. 2040	
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	SAMPLE MEASUREMENT		,								
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NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICER Certify under pe	nalty of law that this doc	ument and all attachment	s were prepare	ed under my			TELEPHO	ONE		DATE
Christopher R. Church ,	direction or super properly gather a persons who mar	rvision in accordance with nd evaluate the informati nage the system, or those	n a system designed to a on submitted. Based on r persons directly respons	ssure that qual my inquiry of th sible for gather	ified personnel e person or ing the	Sequoyah Site V	2 ice President				
Sequoyah Site Vice President	accurate, and cor	mplete. I am aware that the	to the best of my knowled nere are significant penal a and imprisonment for kr	ties for submitt	ing false	GNATURE OF PRINC	IPAL EXECUTIVE	11.	3-7001	10.	02 04
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Name TVA - SEQUOYAH NUCLEA	R PLANT	: - <u></u>	DISCHARGE MONITORING REPORT (DMR)				(SUBR 01)			111 Approve 113 No. 2040	
Address P.O. BOX 2000		· · · · ·	TNO	0026450	,	107 · G	F - FINAL				
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Christopher R. Church	properly gather a	and evaluate the informat	ion submitted. Based on e persons directly respon	my inquiry of the	e person or	Samuel Site	lla Procident				
Sequoyah Site Vice President	information, the information, the information, the information, and co	nformation submitted is , mplete. I am aware that t	to the best of my knowle here are significant pena	dge and belief, Ities for submitti	true, ing false SIG		CIPAL EXECUTIVE	423 84	13-7001	10	02 04
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COMMENTS AND EXPLANATION OF ANY	VIOLATIONS (Refere	ence all attachments h	iere)				······································			 -	

EPA Form 3320-1 (REV 3/99)

No Discharge this Period

Previous editions may be used

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

Page 1 of 1

Name TVA - SEQUOYAH NUCLEA	R PLANT		DISC	(SUBR 01)			/IB No. 2040	,			
Address P.O. BOX 2000			· ; TNO	026450	 , 	110 G .	F - FINAL			•	
(INTEROFFICE SB-2A-SQN) SODDY - DAISY, TN 37384			TOTAL CONTRACT OF THE PARTY OF		DISCHA	RGE NUMBER	RECYCLED COOL	ING WAT	=R .		
Facility TVA - SEQUOYAH NUCLEAR PI	LANT	_ 					EFFLUENT				• •
Location HAMILTON COUNTY		 · .	YEAR	MO- DA	TORING PERIC Y YEAR	MO DAY		· .		•	
ATTN: Stephanie A. Howard		•	From 10			01 31	*** NO DISCHA	*********		٠	•
PARAMETER		OLIAN	TITY OR LOADING			OUALITY OR CO	NOTE: Read in:	structions be			
PARAMETER		MADD	THE ON COADING		i	QUALITY OR CC	NCENTRATION		EX	OF:	Y SAMPLE TYPE
		AVERAGE	. MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	******	04	******	******		04			
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INSTREAM MONITORING	REQUIREMENT						DAILY MX	1			4
PH	SAMPLE MEASUREMENT	******	*****	** .		******	;	12			
00400 1 '0 0	PERMIT	******	*****	****	6.0	*****	9.0	su su		WEEKLY	∕⊹ GRAB
EFFLUENT GROSS VALUE	→ REQUIREMENT ·				MINIMUM		MAXIMUM		'.		1
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	*****	**	******	*****	1	. 19			
00530 1 0 0	PÉRMIT	*****	****	.****	*****	******	30	MG/L		DAILY	COMPOS
EFFLUENT GROSS VALUE	REQUIREMENT	State March 1995					DAILY MX	Test of			
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	** .	*****	******		19			
00556 1 0 0 .	PERMIT	******	*****	****	******	******	15	MG/L		DAILY	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT		and the same of th				DAILY MX	åd Öd			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	*****	*****	*****	**	-		
50050 1 0 0	PERMIT	REPORT	REPORT	MGD	******	******	*******	****		DAILY	CALCTD
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MX		112		(v) \$70 (figure)	100 m 2000			
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NAME/TITLE PRINCIPAL EXECUTIVE OF						<u></u>	r, magazana ngono material salah				
	direction or supe	ervision in accordance wi	th a system designed to a	ssure that qual	ified personnel	dich!	<u></u>	ICLE	PHONE		DATE
Christopher R. Church	persons who ma	anage the system, or thos	tion submitted. Based on a e persons directly respon-	sible for gather	ing the	Sequoyah Site \	/ice President	400	042 7004	40	02 04
Sequoyah Site Vice President	accurate, and co	omplete. I am aware that	, to the best of my knowled there are significant penal ne and imprisonment for ki	ties for submitt	ing false SI	GNATURE OF PRIN	CIPAL EXECUTIVE		843-7001	10	02 04
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COMMENTS AND EXPLANATION OF ANY	VIOLATIONS (Refer	ence all attachments i	here)								

No Discharge this Period

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

Name TVA - SEQUOYAH NUCLEA	The second secon				(SUBR 01)		MO	B No. 2040)-0004			
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SODDY - DAISY, TN 37384 Facility. TVA - SEQUOYAH NUCLEAR PL			PERM	IT NUMBER	DISC	CHARGE	NUMBER	RECYCLED COO	LING WATER	₹		•
Facility. TVA - SEQUOYAH NUCLEAR PL Location HAMILTON COUNTY	_AN1		YEAR	_MO DAY	TORING PE	ARMC	DAY	EFFLUENT	505 144			
ATTN: Stephanie A. Howard			From 10	01 01	To 1	0 01	31	NO DISCHA			ing this for	m
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Christopher R. Church direction or supervision in accordance with a s properly gather and evaluate the information supervision who manage the system, or those per information, the information submitted is, to the control of the con			tion submitted. Based on e persons directly respor	my inquiry of the nsible for gatheri	e person or ng the	Seq	uoyah Site V	ice President	423 84	3-7001	10	02 04
Sequoyah Site Vice President	accurate, and cor	nplete. I am aware that I	there are significant pena there are significant pena ne and imprisonment for l	alties for submitti	ng false	SIGNATU	JRE OF PRING	CIPAL EXECUTIVE ORIZED AGENT	AREA N	JMBER	YEAR	MO DAY
TYPED OR PRINTED COMMENTS AND EXPLANATION OF ANY	VIOLATIONS (D-f	noo oll otto-b	hora)						CODE			
No Discharge this Period	VIOLATIONS (Refere	nce an anachments r	iere)				•					

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

Name TVA - SEQUOYAH NUCLEAR PLANT				DISCHARGE MONITORING REPORT (DMR)					(SUBR 01) OMB No. 2040-0004				
Address P.O. BOX 2000			TNIC				440	F - FINAL					
(INTEROFFICE SB-2A-SQN)			the second control of	026450	i Lasterania alteriologi	**-/= ==================================	116 G						
SODDY - DAISY, TN 37384 Facility TVA - SEQUOYAH NUCLEAR F			PERMI	T NUMBER	R DIS	CHARC	SE NUMBER	BACKWASH					
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ATTN: Stephanie A. Howard			From: 10		1 To	10	01 31	*** NO DISCHA	ARGE				
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NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER Certify under	penalty of law that this do	cument and all attachmen	its were prepar	ed under my		1.1.		TELEPI	HONE		DATE	
Christopher R. Church	properly gather	and evaluate the informa	ith a system designed to a ition submitted. Based on	my inquiry of the	he person or	(1	lurell (ten					
Sequoyah Site Vice President	information, the accurate, and c	information submitted is omplete. I am aware that	e persons directly responsible for gathering the to the best of my knowledge and belief, true, there are significant penalties for submitting false the and imprisonment for knowing violations.			Sequoyah Site Vice President SIGNATURE OF PRINCIPAL EXECUTIVE		CIPAL EXECUTIVE		43-7001	10		04
TYPED OR PRINTED	irriormation, inc	idding the possibility of fif	e and imprisonment for k	anowing violatio	. מות.			AREA N	UMBER	YEAR	MO D	DAY	
COMMENTS AND EXPLANATION OF ANY	VIOLATIONS (Rofe	rence all attachments	here)										'
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 1 of 1

Address P.O. BOX 2000 (INTEROFFICE SB-2A-SQN) SODDY - DAISY, TN 37384 Facility TVA - SEQUOYAH NUCLEAR PLANT Location HAMILTON COUNTY ATTN: Stephanie A. Howard	÷	PERMI	026450 TNUMBER	in come more in the contract and a second		117 G	F - FINAL					
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ATTN: Stephanie A. Howard		YEAR	MONI MO DA	TORING PE	RIOD AR M	MO DAY	EFFLUENT					
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I Certify under penalty						1 . 1.		TELEPI	HONE '		DATE	
Christopher R. Church properly gather and even	aluate the information	n a system designed to as on submitted. Based on n persons directly respons	ny inquiry of the	e person or	0	un M.	Ch.		* .			
Sequoyah Site Vice President information, the information accurate, and complete	ation submitted is , t e. I am aware that th	to the best of my knowled here are significant penall	lge and belief, ties for submitti	true, ing false		quoyah Site V	CIPAL EXECUTIVE	423 8	13-7001	10	02 04	1.
TYPED OR PRINTED information, including	tne possibility of fine	and imprisonment for kn	owing violation	ns.			ORIZED AGENT	AREA N	UMBER	YEAR	MO DA	Υ

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Page 1 of 1

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000			I≙RGE ELIMINA ONITORING R		STEM (NPDES) (DMR)	MAJOR (SUBR 01)			m Approve 1B No: 204		e		
(INTEROFFICE SB-2A-SQN)		•	TNO	0026450			118 G	F - F!NAL				٠,	
SODDY - DAISY. TN 37384 Facility TVA - SEQUOYAH NUCLEAR PI		. ,	PERM	IT NUMBER	R DIS	CHAR	GE NUMBER	WASTEWATER &	STORM WA	TER			
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NAME/TITLE PRINCIPAL EXECUTIVE OFF		enalty of law that this doc rvision in accordance wit					0.1		TELEPH	IONE		DATE	
Christopher R. Church Sequoyah Site Vice President	properly gather a persons who man information, the i	and evaluate the informat mage the system, or thosi nformation submitted is ,	ion submitted. Based on e persons directly respon to the best of my knowle	my inquiry of the estate for gathe edge and belief	ne person or ring the , true,		Sequoyah Site V	_ 	423 84	3-7001	10	02	04
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