

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

> LE25 NRR

Timothy P. Cleary Site Vice President Sequoyah Nuclear Plant

November 9, 2009

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 OCTOBER 2009

Enclosed is the October 2009 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,

.P. llear

Timothy P. Cleary V 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

ameTVA - SEQUOYAH NUCLEA	AR PLANT	· <u> </u>			DNITORING REPORT	·	(SUBR 01)		0	MB No. 2040	-0004
(INTEROFFICE SB-2A-SQN)		. <u></u>	TNC	026450		101 G	F - FINAL	•			
SODDY - DAISY, TN 37384			PERMI	T NUMBER	DISCHAR	GE NUMBER	DIFFUSER DISCHAR	GE			
cility TVA - SEQUOYAH NUCLEAR P cation HAMILTON COUNTY				MON	ITORING PERIOD		EFFLUENT		•		
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NAME/TITLE PRINCIPAL EXECUTIVE (PFFICER I Certify under penalty of law that this document and all attachments were prepared under my	Lui Adaracid	TE TE	LEPHONE	1	DATE	1
Timothy P. Cleary	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	Apphanie adoricand					
Soquoyoh Sito Vice Presiden	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,	Environmental Manager SQN & WBN	423	843-7001	09	11	12
Sequoyah Site Vice Presider	L 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

No closed mode operation. The following information is included in an attachment: CCW 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	e pump. No sample could be	e obtained.	
				· · ·
CCW CHANNEL				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
10/14/2009 @ 1051	<0.10 mg/l	10/16/2009 @ 1130	JDB	EPH
	·			·

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000		Different)			ARGE ELIMINATION S		MAJOR (SUBR 01)			rm Approved MB No. 2040-	
		·		026450 T NUMBEF	R DISCHAF	101 G RGE NUMBER	F - FINAL DIFFUSER DISCHAR	GE		• •	
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NAME/TITLE PRINCIPAL EXECUTIVE OF					ed under my			TELEPH	ONE		DATE
Timothy P. Cleary Sequoyah Site Vice President	properly gather a persons who mar	rvision in accordance wil ind evaluate the informat hage the system, or thos information submitted is ,	ion submitted. Based on e persons directly respor	my inquiry of the nsible for gathe	ring the Fn	1	ager SQN & WBN	23 84	3-7001	09	11 12

 TYPED OR PRINTED

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

The following injections occured: 1. MSW 101 (max. calc. conc. was 0.038mg/L--limit 0.2mg/L) 2. Floguard MS6236 (max. calc. conc. was 0.038mg/L--limit 0.2mg/L) 3. Spectrus CT1300 (max. calc. conc. was 0.047mg/L--limit 0.050mg/L) 4. Spectrus CT1300 (low detection level analytical method was <0.050mg/L--limit 0.050mg/L)

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

YEAR MO

DAY

AREA CODE

NUMBER

OFFICER OR AUTHORIZED AGENT

PERMITTEE NAME/ADDRESS (Include Fa <u>Name</u> TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000		Different)			ARGE ELIMINATION SYS		MAJOR (SUBR 01)			rm Approved. MB No. 2040-0	
(INTEROFFICE SB-2A-SQN)			TNO	026450		101 T	F - FINAL			· .	
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Facility TVA - SEQUOYAH NUCLEAR PI	LANT			MONI	TORING PERIOD		EFFLUENT				
Location HAMILTON COUNTY		<u> </u>	YEAR			MO DAY					
ATTN: Stephanie A. Howard			From 09	10 01		10 31	*** NO DISCHARG	SE	***		
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PARAMETER		QUAN	TITY OR LOADING		;	QUALITY OR CO	INCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
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	I Certify under penalty of law that this document and all attachments were prepared under my		TE	LEPHONE		DATE	
Timothy P. Cleary	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	Stephanie U. Heward Environmental Manager SQN & WBN					
Sequence Site Vice President	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	SIGNATURE OF PRINCIPAL EXECUTIVE	423	843-7001	09	11	12
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*) Toxicity was not sampled in October 2009.

ame TVA - SEQUOYAH NUCLE					DNITORING REPORT	·	(SUBR 01)		O	MB No. 2040-	0004
(INTEROFFICE SB-2A-SQN)		· ·	A service the service service and the service	026450	anter provide and	103 G	F - FINAL				
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	I Certify under penalty of law that this document and all attachments were prepared under my			TE	LEPHONE		DATE	
Timothy P. Cleary	property gamer and evaluate the merination capitation paper of the process of	Stephanee C.C.	enaid					
	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,	Environmental Manager	SQN & WBN	423	843-7001	09	11	12
	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 PRINCIP						
TYPED OR PRINTED			IZED AGENT	AREA CODE	NUMBER	YEAR	MOL	DAY

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PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000		Different)	DISC	CHARGE MC	ARGE ELIMINA	·	(SUBR 01)			rm Approvec MB No. 2040	
(INTEROFFICE SB-2A-SQN)			Section and the second section of the second s	026450		107 G	F FINAL	1997 - 1997 -		· .	
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NAME/TITLE PRINCIPAL EXECUTIVE OFF					ed under my	1. 4	0 1	TELEPH	ONE	C	DATE
Timothy P. Cleary	properly gather an persons who man	nd evaluate the informati age the system, or those	n a system designed to a on submitted. Based on r persons directly respon to the best of my knowled	my inquiry of th sible for gather	ring the	Stephance (Environmental Ma	I. Derward Inager SQN & WBN		3-7001		11 12
Sequoyah Site Vice President	accurate, and cor	nplete. I am aware that th	here are significant penal e and imprisonment for kr	ties for submitt	ting false		INCIPAL EXECUTIVE THORIZED AGENT	- 	JMBER		MO DAY

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

No Discharge this Period

PERMITTEE NAME/ADDRESS (Include Fa <u>Name</u> TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000		Different)			ARGE ELIMINATIC DNITORING REF	N SYSTEM (NPDES) PORT (DMR)	MAJOR (SUBR 01)			orm Approved MB No. 2040	
(INTEROFFICE SB-2A-SQN)	 -,	·	CONTRACTOR OF THE OWNER OF THE	026450		110 G	F - FINAL		-		
FacilityTVA - SEQUOYAH NUCLEAR PI	LANT	· <u> </u>	PERMI	I NUMBER		HARGE NUMBER	RECYCLED COOL	ING WATE	≺		
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NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICFR I Certify under ne	nalty of law that this doc	ument and all attachments	s were prenare	d under my		× (TELEPH		! r	DATE
	direction or super	vision in accordance wit	h a system designed to as	sure that quali	ified personnel	toplace need	idencard				
Timothy P. Cleary	persons who man	age the system, or those	ion submitted. Based on n e persons directly respons	ible for gatheri	ing the	Environmental Mar					
Sequoyah Site Vice President	information, the in accurate, and cor	nformation submitted is , mplete. I am aware that t	to the best of my knowled here are significant penalt	ige and belief, ties for submitti	ing false	SIGNATURE OF PRI	ICIPAL EXECUTIVE	i	13-7001		11 12
TYPED OR PRINTED		any me possibility of IIA	e and imprisonment for kn			OFFICER OR AUT	HORIZED AGENT	AREA N CODE	UMBER	YEAR	MO DAY

No Discharge this Period

Name TVA - SEQUOYAH NUCLI		[`]	DIS		NITORING REPORT		(SUBR 01)		0	MB No. 2040-	-0004
Address P.O. BOX 2000			TNO	026450		110 T	F - FINAL				
SODDY - DAISY, TN 37384			And the second sec	T NUMBER		GE NUMBER	RECYCLED COOLIN	IG WATER			
Facility TVA - SEQUOYAH NUCLEAR	PLANT								-		
Location HAMILTON COUNTY			a successive sector sector		ITORING PERIOD		EFFLUENT				
ATTN: Stephanie A. Howard	•	•	From 09	MO DA 10		MO DAY 10 31	*** NO DISCHARC	GE XX	***		
	· ·		<u>د</u>				NOTE: Read instru	uctions before	e comple	eting this forn	n
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	I Certify under penalty of law that this document and all attachments were prepared under my			LEPHONE	1	DATE	1
Timothy P. Cleary	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	Alephanie Usboward			1 1		
	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,	Environmental Manager SQN & WBN	423	843-7001	09	11	12
Sequoyah 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 OFFICER OR AUTHORIZED AGENT	AREA	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED	· · · · · · · · · · · · · · · · · · ·	OFFICER OR AUTHORIZED AGEIN	CODE	NUMBER	TEAR	IVIO	DAT

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		if Different) — —	NATIONAL POLLU DISC		IARGE ELIMINA ONITORING F		, ,	MAJOR (SUBR 01)				Approved No. 2040		
(INTEROFFICE SB-2A-SQN)			TNO	026450			116 G	F - FINAL						
			PLACE WAR DOWN		3 DIS	CHARC	SE NUMBER	BACKWASH						
Facility TVA - SEQUOYAH NUCLEAR F		•	· <u>····································</u>											
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Sequoyah Site Vice President	accurate, and o	complete. I am aware that	, to the best of my knowled there are significant pena ne and imprisonment for ki	lties for submi	tting false.	SIGN	ATURE OF PRIN	CIPAL EXECUTIVE	423 AREA	NUMB		09 YEAR		12 DAY
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Operations performs visual inspections for floating debris and oil and grease during all backwashes.

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLE/ Address P.O. BOX 2000		Different)			ARGE ELIMINATION SY DNITORING REPORT		MAJOR (SUBR 01)			orm Approved MB No. 2040-	
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ATTN: Stephanie A. Howard			From 09	MO DA 10 0'		MO DAY 10 31	*** NO DISCHARG		*** e compl	eting this forn	N.
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Sequoyah Site Vice President	accurate, and com	nplete. I am aware that t	to the best of my knowled here are significant penal e and imprisonment for kr	ties for submit	ting false SIGN				3-7001 JMBER		11 12 MO DAY
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Operations performs visual inspections for floating debris and oil and grease during all backwashes.

PERMITTEE NAME/ADDRESS (Include F Name TVA - SEQUOYAH NUCLE Address P.O. BOX 2000		Different)			ARGE ELIMINATION SY DNITORING REPORT		MAJOR (SUBR 01)			orm Approved MB No. 2040-	
(INTEROFFICE SB-2A-SQN)			TNO	026450		118 G	F - FINAL				
SODDY - DAISY, TN 37384		- <u></u>	PERMI	T NUMBER	R DISCHAR	GE NUMBER	WASTEWATER & ST	FORM WA	TER		
acilityTVA - SEQUOYAH NUCLEAR	<u>PLANT</u>	· ·			**						
ocation HAMILTON COUNTY		•	YEAR		ITORING PERIOD	second write so is one case is a surrow write a provide stand	EFFLUENT				
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	I Certify under penalty of law that this document and all attachments were prepared under my	lis also i All		EPHONE		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	stephance adericand	1		1		
	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.	Environmental Manager SQN & WBN	423	843-7001	09	11	12
Sequoyah Site Vice President		SIGNATURE OF PRINCIPAL EXECUTIVE	1	<u> </u>			
TYPED OR PRINTED	information, including the possibility of the and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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