

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

April 13, 2004

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 MARCH 2004

Enclosed is the March 2004 Discharge Monitoring Report for Sequoyah Nuclear Plant. Please contact me at (423) 843-6700 if you have any questions or comments.

Sincerely, Stephanic a. Howard

Stephanie A. Howard

Principal Environmental Engineer

Signatory Authority for

Richard T. Purcell

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

IE25

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - SEQUOYAH NUCLEAR PLANT	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	MAJOR Form Approved. (SUBR 01) OMB No. 2040-0004
Address P.O. BOX 2000 (INTEROFFICE SB-2A)	TN0026450 101 G	F - FINAL
SODDY - DAISY TN 37384 Facility TVA - SEQUOYAH NUCLEAR PLANT	PERMIT NUMBER DISCHARGE NUMBER	DIFFUSER DISCHARGE
Location HAMILTON COUNTY	MONITORING PERIOD YEAR MO DAY YEAR MO DAY	EFFLUENT
ATTN: Stephanie A. Howard	From 04 03 01 To 04 03 31	NOTE: Read instructions before completing this form.

PARAMETER		QUAN	ITITY OR LOADING			QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
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	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	Hairma Odlanscad	TELEPHONE		DATE	
Richard T. Purcell		Stephanie O. 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	04	04	13
	accurate, and complete. I am aware that there are significant penalties for submitting false	SIGNATURE OF PRINCIPAL EXECUTIVE				
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.		AREA NUMBER	YEAR	МО	DAY

No closed mode operation. The following injections occured: 1. PCL-222 (max. calc. conc. was 0.029mg/L-limit 0.100mg/L) 2. CL-363 (max. calc. conc. was 0.010mg/L-limit 0.100mg/L) 3. PCL-222/PCL-401 (max. calc. conc. was 0.025mg/L-limit 0.100mg/L)

PERMITTEE NAME/ADDRESS (Include Fa Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000	•	if Different)	DISC	HARGE MO	ARGE ELIMINATION SY		MAJOR (SUBR 01)			m Approved. ЛВ No. 2040-(
(INTEROFFICE SB-2A)			TNO	026450		101 G	F - FINAL				
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ATTN: Stephanie A. Howard			From 04	03 01	To 04	03 31					
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NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICER Certify under pe	enalty of law that this docu	iment and all attachments	were prepared	d under my	1000	Variand L	TELEPHO	ONE	Di	ATE

direction of supervision in accordance with a system designed to assure that qualified personn 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. Richard T. Purcell Principal Environmental Engineer 423 843-6700 04 04 13 Site Vice President SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT AREA CODE NUMBER YEAR МО DAY TYPED OR PRINTED

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

CCW data for March 2004 is attached.

CCW CHANNEL				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
3/16/2004 1120	< 0.5 mg/L	3/23/2004 2110	RIG	EPA 8015B
CCW TRENCH				
Date/Time Collected	Extractable Petroleum Hydrocarbons	Analysis Date/Time	Analyst	Method
3/16/04 1115	< 0.5 mg/L	3/23/2004 2148	RIG	EPA 8015E

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PERMITTEE NAME/ADDRESS (Include Factorial Name TVA - SEQUOYAH NUCLEA Address P.O. BOX 2000	if Different)	DISC		MB No. 2040							
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ATTN: Stephanie A. Howard			From 04	MO DA		MO DAY 03 31	*** NO DISCHAF		e compl	eting this for	m.
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Richard T. Purcell	properly gather a persons who ma	and evaluate the informati nage the system, or those	on submitted. Based on m persons directly responsi- to the best of my knowledge	y inquiry of the ble for gatheri	ngthe [´p,	Philippi Environm	Hencer	423 843	3-6700	04	04 13
Site Vice President	accurate, and co	implete. I am aware that th	nere are significant penalti a and imprisonment for kno	es for submitti	ng false SIGN	NATURE OF PRINC	ORIZED AGENT	AREA NU	MBER	YEAR	MO DAY

Toxicity was not sampled in March 2004.

	ress P.O. BOX 2000			CHARGE MO	DNITORING REPORT	T (DMR)	(SUBR 01) OMB No. 2040-0004				ł	
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ATTN: Stephanie A. Howard			From 04	03 0	1 To 04	03 31	NOTE: Read ins		J	eting this fo	m.	
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Richard T. Purcell	direction or supe properly gather a	rvision in accordance with and evaluate the informati	n a system designed to as on submitted. Based on n	ssure that quali ny inquiry of the	fied personnel ###		Hervard			1		
Site Vice President	information, the in accurate, and co	nage the system, or those information submitted is , i implete. I am aware that the iding the possibility of fine	to the best of my knowled nere are significant penalt	lge and belief, I ties for submitti	irue, ng false SIGN	ATURE OF PRINCI	PAL EXECUTIVE		3-6700	04	04	13
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PERMITTEE NAME/ADDRESS (Include I Name TVA - SEQUOYAH NUCLE Address P.O. BOX 2000		if Different) 	DISC	CHARGE MO	HARGE ELIMINA		(DMR)	MAJOR SUBR 01)			rm Approve MB No. 204		ŧ
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NAME/TITLE PRINCIPAL EXECUTIVE OF	direction or supe	ervision in accordance with	n a system designed to as	sure that qual	ified personnel	i.t.	phanie a	May and	TELEPH	ONE		DATE	
Richard T. Purcell Site Vice President	persons who ma information, the	nage the system, or those information submitted is .	on submitted. Based on no persons directly respons to the best of my knowled here are significant penalt	lible for gather	ing the true,	Pri	ncipal Environmer	ital Engineer	423 84	3-6700	04	04	13
2/052 02 201752			and imprisonment for kn				ATURE OF PRINCIP FICER OR AUTHOR		AREA NU	JMBER	YEAR	MO	DAY

Outfall 107 discharged on 03/08/04, 03/09/04, 03/11/04, and 03/29/04. No phosphorous bearing cleaning solutions were used.

TYPED OR PRINTED

AREA CODE

NUMBER

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

To 04

MAJOR (SUBR 01) F - FINAL

Form Approved. OMB No. 2040-0004

TN0026450
PERMIT NUMBER

From 04

YEAR MO DAY

03

01

110 G DISCHARGE NUMBER

YEAR MO DAY

03

31

RECYCLED COOLING WATER

EFFLUENT

*** NO DISCHARGE XX

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM .	UNITS	1	ANALYSIS	
PH	SAMPLE MEASUREMENT	*****	*****	**		******		12			
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	I Certify under penalty of taw 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 O. Horvard	TE	LEPHONE		DATE	
Richard T. Purcell	properly gather and evaluate the information submitted. Based on my inquiry of the person or	- supridice O. Hercer					
	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	04	04	13
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	a normalion, in cooling the possibility of fine and imprisorment for 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 Facility Name/Location if Different) Name TVA - SEQUOYAH NUCLEAR PLANT Address P.O. BOX 2000					HARGE ELIMINATION ONITORING REPO		MAJOR (SUBR 01)		Form Approved. OMB No. 2040-0004				
			TNO	026450	F - FINAL								
(INTEROFFICE SB-2A) SODDY - DAISY TN 37384				T NUMBER	DISCHA	116 G	BACKWASH						
Facility TVA - SEQUOYAH NUCLEAR													
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NAME/TITLE PRINCIPAL EXECUTIVE OFF			ment and all attachments		d under my		1/12.200	TELEPH	ONE	1	DATE		
Richard T. Purcell	a system designed to as on submitted, Based on m	y inquiry of the		•	Mervard				$\neg \neg \neg$				
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Operations performs visual inspections for floating debris and oil and grease during all backwashes.

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					DNITORING REI	(SUBR 01)	Form Approved. OMB No. 2040-0004					
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Richard T. Purcell direction or supervision in accordance properly gather and evaluate the infor persons who manage the system, or the information, the information to be information.		and evaluate the informati	on submitted. Based on n persons directly respons	ny inquiry of the sible for gatheri	ing the	Stephanes Principal Environi	O.Henvand mental Engineer	423 84	3-6700	04	04	13
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Operations performs visual inspections for floating debris and oil and grease during all backwashes.

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)					MAJOR (SUBR 01)			Form Approved. OMB No. 2040-0004			
(INTEROFFICE SB-2A)			TN0	026450			110 0	F - FINAL						
SODDY - DAISY TN 37384 Facility TVA - SEQUOYAH NUCLEAR P			PERMI	T NUMBER	RDIS	CHARG	E NUMBER	WASTEWATER &	STOR	M WAT	ER			
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Richard T. Purcell properly gather and evaluate the information, the information, the information submitted is accurate, and complete. I am aware that			rpersons directly respons to the best of my knowled	ible for gatheri ge and belief,	ring the Principal Environme			ental Engineer 423		843-6	6700	04	04	13
TYPED OR PRINTED			and imprisonment for kn	owing violation	ns.		CER OR AUTHO			NUM	BER	YEAR	МО	DAY

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