

KIF NPDES Correspondence (Sept. OB - DMR)

Tennessee Valley Authority, 714 Swan Pond Road, Harriman, Tennessee 37748

October 7, 2008

Mr. Patrick Cromer TDEC - Division of Water Pollution Control Enforcement and Compliance Section 6th Floor, L&C Annex 401 Church Street Nashville, Tennessee 37243-1534

Dear Mr. Cromer:

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON PLANT - NPDES PERMIT NO. TN0005452 - DISCHARGE MONITORING REPORT (DMR) - SEPTEMBER 2008

As required by the referenced permit, enclosed is a certified copy of the DMR for Kingston Fossil Plant for the reporting period of September 2008. Included with the DMR is a computer disk that contains the DMR data for your convenience.

If you have any questions concerning this report, please call Cynthia McCowan at (865) 717-2180 in Kingston, Tennessee.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 and 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

Sincerely,

Ronald C. Hall
Plant Manager
Kingston Fossil Plant

RCH/cm Enclosures

PERMITTEE NAME/ADDRESS (Include Faction Name TVA - KINGSTON FOSSIL PI	DISC	CHARGE MO	ARGE ELIMINA INITORING R			MAJOR (SUBR 03)	Form Approved. OMB No. 2040-0004						
Address 714 SWAN POND ROAD	(2-16) (17-19) TN0005452 001					F - FINAL Approval					-98		
HARRIMAN, TN 37748			T NUMBER										
Facility TVA - KINGSTON FOSSIL PLANT			T CI WII				GE NUMBER	EFFLUENT					
Location ROANE COUNTY (KFO) TN 37	YEAR	MO DA	TORING PE		MO DAY] ***					
ATTN: LINDY JOHNSON			From 08	09 01	To	08	09 30	*** NO DISCHA	L	J			
DADAMETER CO. 10 LO				25) (26-27) (28-29) (30-31)			NOTE: Read ins						
PARAMETER		(3 Card Only) QUAN (46-53)	ITITY OR LOADING (54-61)		(4 Card Only) (38-45))	QUALITY OR CO (46-53)	(54-61)		NO.	OF	SAMPL TYPE	
(32-37)		AVERAGE	MAXIMUM UNITS		1	MINIMUM AVE		AVERAGE MAXIMUM		(62-63)	ANALYSIS (64-68)	(69-7	70)
PH	SAMPLE MEASUREMENT	******	******		8.3		******	*****	12	0	5/30	GRA	٨B
00400 1 0 0	PERMIT	*******	*****	***	6.0		*****	*******	SU		WEEKLY	GRA	AB
EFFLUENT GROSS VALUE	REQUIREMENT	7 (1)			DAILY MN		100					Bar. F	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	******	**	*****		13.0	13.0	19	0	1 / 30	GRA	√B
00530 1 0 0	PERMIT	******	******	****	*****	**	29.9	92.0	MG/L		ONCE/	GRA	4B
EFFLUENT GROSS VALUE	REQUIREMENT		The second second			MO AVG				200	MONTH	100	
OIL AND GREASE	SAMPLE MEASUREMENT	*****	******	******		**	<5.0	<5.0	19	0	1/30	GR/	∖ Β
00556 1 0 0	PERMIT	*****	******	****	*****	**	14.4	19.4	MG/L	90	ONCE	GRA	AB .
EFFLUENT GROSS VALUE	REQUIREMENT	a de justicia	10 to				MO AVG	DAILY MX			MONTH		
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	0.00	26	*****	**	******	0.00	19	0	2/30	CALC	TD
00610 2 0 0	PERMIT	******	REPORT	LBS/DY	*****	**	******	REPORT	MG/L		TWICE/	CALC	CTC
NET VALUE EFFLUENT	REQUIREMENT	1 - 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAILY MX				100	DAILY MX			MONTH		
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	******	<33.97	26	*****	**	******	<0.10	19	0	2/30	GRA	4В
00610 Z 0 0 INSTREAM MONITORING	PERMIT REQUIREMENT	14 14 14 14 14 14 14 14 14 14 14 14 14 1	REPORT DAILY MX	LBS/DY	*****	**		REPORT DAILY MX	MG/L		TWICE/		AB.
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	******	<33.97	26	*****		*****	<0.10	19	0	2/30	GRA	AΒ
00610 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		REPORT DAILY MX	LBS/DY	1			REPORT	MG/L		TWICE/ MONTH		AB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	39.6	43.8	03	*****	** *****		******	**	0	5/30	INST	'AN
50050 1 0 0	PERMIT.	REPORT	REPORT	MGD	iD ******		******	*******	****	Maria .	WEEKL	INST	AN
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MX		4)3 7:17							Take 1	
NAME OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFI	ora Loratio	DED DENN TV OF LAW											
NAME/TITLE PRINCIPAL EXECUTIVE OFFI	FAMILIAR WIT	H THE INFORMATION S	THAT I HAVE PERSONAI UBMITTED HEREIN; AND	BASED ON M	Y INQUIRY	-	Conto CHall	re	TELEP	HONE		DATE	
INFORMATION, I		I, I BELIEVE THE SUBMI	Y RESPONSIBLE FOR O TTED INFORMATION IS	TRUE, ACCUR	ACCURATE AND Ronald C			nald C. Hall, Plant Manager					
Exec. V.P., Fossil Power Group	FALSE INFORI	MATION, INCLUDING TH	E ARE SIGNIFICANT PENALTIES FOR SI E POSSIBILITY OF FINE AND IMPRISONI					CIPAL EXECUTIVE	865 7	17-2501	08	10	03
TYPED OR PRINTED	18 U.S.C. §100	1 AND 33 U.S.C. §1319.	(Penalties under these st of between 6 months and	atutes may incl		OFFICER OR AUT			AREA N	IUMBER	YEAR	MO I	DAY
COMMENTS AND EXPLANATION OF ANY V						L			CODE	· <u>-</u>			
	,		,										

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)

EPA Form 3320-1 (08-95)

Previous editions may not be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MAJOR

TVA-00025791

Page 1 of 1

PERMITTEE NAME/ADDRESS (Include Name TVA - KINGSTON FOSSI	f Different)			NITORING REP		OMR)	IVIAGOR						
Name IVA - KINGSTON FUSSI Address 714 SWAN POND ROAD			(2-16)		(17-	-19) (5	Approval expires 05 21						
HARRIMAN, TN 37748		TNO	005452	DISCH	- FINAL Approval expires 05-31-98								
Facility TVA - KINGSTON FOSSIL PL			PERMI	NCE THROUGH	GH CONDENSER COOL WATER								
Location ROANE COUNTY (KFO) T				MON	TORING PER	IOD		FFLUENT					
			· ·	MO DA				*** NO DISCHAF	RGF	***			
ATTN: LINDY JOHNSON			From 08	NOTE: Read ins		a comple	ating this for	· m					
PARAMETER		(3 Card Only) QUAI	(20-21) NTITY OR LOADING	(22-23) (24-2	(26-) (4 Card Only)		9) (30-31) ALITY OR CONC		il delons belon	NO.	FREQUENCY		-
TATAMETEN		(46-53)	(54-61)		(38-45)		(46-53)	(54-61)		EX.	OF ANALYSIS	TYPE	
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM		AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	**	*****		*****	25.7	04	0	30 / 30	RCORD	R
00010 7 0 0	PERMIT	******	******	****	*****		******	REPORT	DEG. C.		CONTIN	RCORD	A
INTAKE	REQUIREMENT		PARTIES THE					DAILY MX			uous		
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLÉ MEASUREMENT	*****	*****	**	******	*****		33.3	04	0	30 / 30	CALCT	5
00010 1 0 0	PERMIT	*****	******	****	*****	Section 1	*****	36.1	DEG. C.		DAILY	CALCTI	5
EFFLUENT GROSS VALUE	REQUIREMENT				600 S			DAILY MX		176	1000		
PH	SAMPLE MEASUREMENT	******	*****	**	7.6		*****	7.9	12	0	5 / 30	GRAB	
00400 1 0 0	PERMIT	*****	*******	****	6.0	**************************************		9.0	SU	100	WEEKLY	GRAB	
EFFLUENT GROSS VALUE	REQUIREMENT		SERVICE CONTRACTOR		DAILY M			DAILY MX		1000		70.44	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	1358.0	1358.0	03	*****	******		*****	**	0	30 / 30	CALCT	כ
50050 1 0 0	PERMIT	REPORT	REPORT	MGD	******	400	*****	*******	****		DAILY	CALCTI	5
EFFLUENT GROSS VALUE	REQUIREMENT	MO AV	DAILY MX		42.00						15 m. 9	Alban To	
OXIDANTS, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	**	*****		Monitoring ot Required	Monitoring Not Required	19				
34044 O 0 0	PERMIT	******	******	****	******		.038	.066	MG/L		WEEKLY	GRAB	
EFFLUENT GROSS VALUE	REQUIREMENT						MO AV	DAILY MX					
OXIDANTS, TOTAL RESIDUAL	SAMPLE MEASUREMENT	******	*****	**	******		Monitoring ot Required	Monitoring	19				
34044 P 0 0	PERMIT	*****	******	****	******		.011	.019	MG/L		WEEKLY	GRAB	
EFFLUENT GROSS VALUE	REQUIREMENT		Ed. San		10 10 E	MO A		DAILY MX			7.77	10000	
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	******	*****	**	*****		******	No Discharge	e ₁₄				
81381 1 0 0	PERMIT	******	*******	****	******			120	MINUTES	See.	WEEKLY	GRAB	
EFFLUENT GROSS VALUE	REQUIREMENT	Maritime of the second			Springer Co.		Add	DAILY MX					
								11: 10:00		Lijia Zu, danien			البنتسند
NAME/TITLE PRINCIPAL EXECUTIVE			THAT I HAVE PERSONAL SUBMITTED HEREIN; AND				2	Į	TELEPH	IONE		DATE	
Preston D. Swafford	OF THOSE IND	DIVIDUALS IMMEDIATEL I, I BELIEVE THE SUBM	Y RESPONSIBLE FOR O ITTED INFORMATION IS RE ARE SIGNIFICANT PE	BTAINING THI	E IATE AND	<i>F</i> '	ald C. Hall, Pla	ınt Manager	865 71	7-2501	80	10 03	3
Exec. V.P., Fossii Power Group FALSE INFORMATION, INCLUDII		MATION, INCLUDING TH	HE POSSIBILITY OF FINE AND IMPRISONMENT. SEE SIGNATURE OF PRIN										_
TYPED OR PRINTED	\$10,000 and or	maximum imprisonment	or between 6 months and 5 years.)				ER OR AUTHOR	RIZED AGENT	AREA N	UMBER	YEAR	MO DA	Υ.
COMMENTS AND EXPLANATION OF A	NY VIOLATIONS (Refe	rence all attachments	here)		· · · · · · · · · · · · · · · · · · ·								
O=3/ The limits depicted are applica O=4/ The limits depicted are applica				n footnote	4.								
EPA Form 3320-1 (08-95) Pre	evious editions may not b	e used.	(REPLACES	EPA FORM	T-40 WHICH MA	Y NOT BE	E USED)				Page 1 of	1	

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Name TVA - KINGSTON FOSSIL PLANT			NATIONAL POLLI DIS	MAJOR	Form Approved. OMB No. 2040-0004								
Address 714 SWAN POND ROAD	(2-16) (17-19) (SUBR 03) TN0005452 002 T F - FINAL						Approval expires 05-31-98						
			PERMI	ANNUAL BIOMON	ITORING								
Facility TVA - KINGSTON FOSSIL PLAN Location ROANE COUNTY (KFO) TN 3			ITORING PE		GE NUMBER	EFFLUENT							
ECOMINITY THE SECURITY IN SECU		YEAR	MO DA	Y YE	EAR		*** NO DISCHA	RGE	***				
ATTN: LINDY JOHNSON			From 08	09 0° (22-23) (24-2		08 09 30		NOTE: Read ins		e comple	eting this forr	n.	
PARAMETER	(3 Card Only) QUANT (46-53)		iTITY OR LOADING (54-61)					ONCENTRATION (54-61)		NO. EX	FREQUENCY OF	SAMPI	
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUN	VI .	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70	1
IC25 STATRE 7DAY CHR CERIODAPHNIA	SAMPLE MEASUREMENT	*****	*****	**	Monitorir Not Requ		******	******	23				
TRP3B 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****	100 MINIMU	in the			PERCENT		ANNUAL	COMP	os
IC25 STATRE 7DAY CHR PIMEPHALES	SAMPLE MEASUREMENT	******	******	**	Monitorir Not Requ	ng	******	******	23			**************************************	
TRP6C 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****	100 MINIMU		(15) (15) (15) (15) (15) (15) (15) (15)		PERCENT	- 1 - 1 - 1 - 1 - 1	ANNUAL	СОМР	os
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT					en							
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT						事 建二学	17 AV. 10 10					
	SAMPLE MEASUREMENT			76									19825500
	PERMIT REQUIREMENT		Programme Company				10.10 Ann 10.10			e- 1			
	SAMPLE MEASUREMENT PERMIT		assur-con Survey	F	The second of					2-1-01			gari.
	REQUIREMENT				Section 1965					1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	1445 1445 1750	129 4 1 12	
	MEASUREMENT PERMIT				Magazie Je	3.8° 4°			25.0			1 305	, MARCHER V
	REQUIREMENT	her William In	The State	96 	190		25 25 26 26		7.	86. h	de l'Estat		
NAME/TITLE PRINCIPAL EXECUTIVE OF							٠ .		TELEPI	IONE		DATE	
Preston D. Swafford OF THOSE INDIVIDUALS IMMEDIATEL			Y RESPONSIBLE FOR C	DBTAINING TH	E		Thomas CH						
COMPLETE. I AM AWARE THAT THE		ITTED INFORMATION IS TRUE, ACCURATE AND RE ARE SIGNIFICANT PENALTIES FOR SUBMITTING IB POSSIBILITY OF FINE AND IMPRISONMENT. SEE (Penalties under these statutes may include fines up to of between 6 months and 5 years.)			Ronald C. Hall, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE			865 7	717-2501	08	10	03	
TABLE IN CHIMATION, INCESSING II							ORIZED AGENT	AREA N	UMBER	YEAR	MO [YAC	
COMMENTS AND EXPLANATION OF ANY No Toxicity Testing Conducted this Mo		rence all attachments	here)						3002				
					<u> </u>								
EPA Form 3320-1 (08-95) Previo	ous editions may not b	e used.	(REPLACES	S EPA FORM	T-40 WHICH M	AY NO	T BE USED)	-			Page 1 of	1	

Name TVA - KINGSTON FOSSIL PLANT				DISCHARGE MONITORING REPORT (DMR						(SUBR 03)	OMB No. 2040-0004						
Address 714 SWAN POND ROAD HARRIMAN, TN 37748				(2-16) TN0005452				005 G		F - FINAL	Approval expires 05-31-98						
				1710000-102						CHEMICAL METAL	TAL CLEANING WASTEWATER						
Facility TVA - KINGSTON FOSSIL PLAN		-			MON	IITORING I				EFFLUENT							
Location ROANE COUNTY (KFO) TN 37		-		YEAR			YEAR		$\overline{\mathbf{Y}}$	*** NO DISCHAF	RGE XX	***					
ATTN: LINDY JOHNSON			From		09 0		08	09 30		NOTE: Read ins		•	tina this for	m			
PARAMETER		(3 Card Only) QUAN	TITY OR L		(22-23) (24-	25) (4 Card Only)		(28-29) (30-3 QUALITY O		NCENTRATION	Tructions Delo		FREQUENC		PLE		
		(46-53)	(54	-61)	·	(38-4		(46-53)		(54-61)		EX	OF ANALYSIS	TYF			
(32-37)		AVERAGE	MAXII	MUM	UNITS	MINIM	IUM	AVERAGE		MAXIMUM	UNITS	(62-63)	(64-68)	(69-	70)		
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	****	****	**	*****					19						
01042 1 0 0	PERMIT	******	****	****	****	****	***	1.0)	1.0	MG/L		SEE	GR	AB		
EFFLUENT GROSS VALUE	REQUIREMENT			regage than	<u></u>	100	624 (J. 45)	MOA	VG	DAILY MX			PERMIT	14.5	0148.3		
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	****	***	**	***					19		-				
01045 1 0 0	PERMIT	*******	****	***	***	******		1.0		1.0	MG/L		SEE	GR	AB		
EFFLUENT GROSS VALUE	REQUIREMENT							MOA	WG	DAILY MX		15	PERMIT				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT				03	****	***	*****	***	*****	**						
50050 1 0 0	PERMIT	REPORT	REP	ORT	MGD	****	***	****	***	*******	****		ONCE/	CAL	CTD		
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAIL	Y MX		100		1.0		The state of the s			BATCH				
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT					1		<u> </u>									
	SAMPLE MEASUREMENT			<u> </u>							353	321.8745			35200000		
	PERMIT REQUIREMENT	190 (190 (190 (190 (190 (190 (190 (190 (Tell Sec				l-					
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT			100					. 2144 - 1. 14						Stage Stage		
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT									The Head							
NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICER ILCERTIFY UND	ER PENALTY OF LAW 1	THAT I HAVE	PERSONA	LIYEXAMINE	D AND AM	7				TELEP	HONE		DATE			
Preston D. Swafford I CERTIFY UNDER PENALTY OF LAW THAT FAMILIAR WITH THE INFORMATION SUBMITTEE INFORMATION, I BELIEVE THE SUBMITTEE		UBMITTED H Y RESPONSI	ITTED HEREIN; AND BASED ON MY INQUIRY SPONSIBLE FOR OBTAINING THE			· I	Handle Hall			1001	IONE		DAIL				
COMPLETE. I AM AWARE THAT THERE AR		E ARE SIGNI E POSSIBILI	E SIGNIFICANT PENALTIES FOR SUBMITTING SSIBILITY OF FINE AND IMPRISONMENT. SEE			SIGI	Ronald C. Hall, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE				17-2501	08	10	03			
TYPED OR PRINTED	\$10,000 and or r	maximum imprisonment o	of between 6 r					OFFICER OR AUTHORIZED AGENT				IUMBER	YEAR	MO	DAY		
COMMENTS AND EXPLANATION OF ANY	VIOLATIONS (Refer	ence all attachments i	here)														
No Discharge this Period																	
EPA Form 3320-1 (08-95)	us editions may not be	e used.	(Ri	EPLACES	EPA FORM	T-40 WHICH	I MAY NO	OT BE USED))				Page 1 of	1			

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MAJOR

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

Page 1 of 1

Form Approved.