

February 13, 2007

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

Dear Mr. Hannah:

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON PLANT - NPDES PERMIT NO. TN0005452 - DISCHARGE MONITORING REPORT (DMR) - January, 2007


As required by the referenced permit, enclosed are DMR's for Kingston Fossil Plant for the reporting period of January, 2007.

In accordance with EPA guidance documents (e.g., *Manual for the Evaluation of Laboratories Performing Aquatic Toxicity Tests*, EPA/600/4-90/031, Appendix A. Section 2.5), TVA requires placement of chain-of-custody seals on all coolers used in shipping whole effluent toxicity samples to the contract laboratory (per TVA *toxicity Sampling guidelines*). Failure to attach custody seals resulted in the invalidation of toxicity tests performed with samples contained in unsealed coolers. A repeat test will be scheduled as soon as possible and corrective actions will be initiated to address the issue.

If you have any questions concerning this report, please call Linda Campbell at 865-717-2157 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,



Michael T. Beckham
Plant Manager
Kingston Fossil Plant

LFC/lfc
Enclosures

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

Name **TVA - KINGSTON FOSSIL PLANT**
 Address **714 SWAN POND ROAD**
HARRISMAN, IN 37748

Facility **TVA - KINGSTON FOSSIL PLANT**
 Location **ROANE COUNTY, (KFO) IN 37763**

ATTN: **LINDY JOHNSON**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(17-19)

PERMIT NUMBER
TN0005452

MONITORING PERIOD
 YEAR MO DAY
07 01 01 To **07 01 31**

MAJOR

(SUBR 03)

F - FINAL

ASH POND WASTEWATER

EFFLUENT

*** NO DISCHARGE ***

Form Approved.

OMB No. 2040-0004

Approval expires 05-31-98

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****	**	7.5	*****	*****	12	6 / 31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 DAILY MN	*****	*****	SU	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	**	*****	9.5	9.5	19	1 / 31	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	29.9 MO AVG	DAILY MX	MG/L	ONCE / MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	**	*****	<5.0	<5.0	19	1 / 31	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	14.4 MO AVG	DAILY MX	MG/L	ONCE / MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	6.95	26	*****	0.02	0.02	19	2 / 31	CALCTD
00610 2 0 0 NET VALUE EFFLUENT	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	REPORT DAILY MX	REPORT DAILY MX	MG/L	TWICE / MONTH	CALCTD
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	10.42	26	*****	0.03	0.03	19	2 / 31	GRAB
00610 2 0 0 INSTREAM MONITORING	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	REPORT DAILY MX	REPORT DAILY MX	MG/L	TWICE / MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	13.90	26	*****	0.04	0.04	19	2 / 31	GRAB
00610 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	REPORT DAILY MX	REPORT DAILY MX	MG/L	TWICE / MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	42.0	47.9	03	*****	*****	*****	**	5 / 31	INSTAN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	WEEKLY	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J.R. Bynum		TELEPHONE 865 717-2501	DATE 07 02 13
Exec. V.P., Fossil Power Group		AREA CODE NUMBER	YEAR MO DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Beckham</i> Michael T. Beckham, Plant Manager	

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

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.)

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

Name TVA - KINGSTON FOSSIL PLANT
 Address 714 SWAN POND ROAD
 HARRISMAN, IN 37748
 Facility TVA - KINGSTON FOSSIL PLANT
 Location ROANE COUNTY, (KFO), IN 37763

MAJOR (SUFR 03)
 F - FINAL
 ONCE THROUGH CONDENSER COOL WATER
 EFFLUENT

Form Approved
 OMB No. 2040-0004
 Approval expires 05-31-98

PERMIT NUMBER: TN0005452
 DISCHARGE NUMBER: 002 G
 MONITORING PERIOD: YEAR 07, MO 01, DAY 01 To YEAR 07, MO 01, DAY 31

ATTN: LINDY JOHNSON

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (46-53)			NO. FREQUENCY OF ANALYSIS (64-66)			SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (54-61)	EX (62-63)	ANALYSIS (64-66)	UNITS	
TEMPERATURE, WATER DEG. CENTIGRADE										
00010 7 0 0 INTAKE	*****	*****	**	*****	*****	9.2	0	31/31	04	RCORDR
TEMPERATURE, WATER DEG. CENTIGRADE										
00010 1 0 0 EFFLUENT GROSS VALUE	*****	*****	**	*****	*****	16.2	0	CONTINUOUS	DEG. C.	RCORDR
PH										
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	**	*****	7.1	8.2	0	DAILY	DEG. C.	CALCTD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT										
50050 1 0 0 EFFLUENT GROSS VALUE	*****	1390.0	03	*****	6.0 DAILY MN	9.0 DAILY MX	0	WEEKLY	SU	GRAB
OXIDANTS, TOTAL RESIDUAL										
34044 0 0 0 EFFLUENT GROSS VALUE	*****	*****	**	*****	*****	Monitoring Not Required	0	DAILY	**	CALCTD
OXIDANTS, TOTAL RESIDUAL										
34044 P 0 0 EFFLUENT GROSS VALUE	*****	*****	**	*****	*****	Monitoring Not Required	0	WEEKLY	19	GRAB
DURATION OF DISCHARGE										
81381 1 0 0 EFFLUENT GROSS VALUE	*****	*****	**	*****	*****	No Discharge	0	WEEKLY	14	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	J.R. Bynum	TELEPHONE	865 717-2501	DATE	07 02 13
Exec. V.P., Fossil Power Group	Michael T. Beckham, Plant Manager	AREA CODE	865	NUMBER	717-2501
TYPED OR PRINTED	<i>Michael T. Beckham</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 O-3/ The limits depicted are applicable at flows of 654 MGD, and above, from outfall 002.
 O-4/ The limits depicted are applicable at flows less than 654 MGD, in lieu of the limits shown in footnote 4.

Name TVA - KINGSTON FOSSIL PLANT
 Address 714 SWAN POND ROAD
HARRISMAN, IN 37748
 Facility TVA - KINGSTON FOSSIL PLANT
 Location ROANE COUNTY, (KFO) IN 37763

Form Approved
 OMB No. 2040-0004
 Approval expires 05-31-98

MAJOR
 (SUBR 03)
 F - FINAL

ANNUAL BIOMONITORING
 EFFLUENT

PERMIT NUMBER TN0005452
 DISCHARGE NUMBER 002 T

MONITORING PERIOD
 YEAR MO DAY
 From 07 01 01 To 07 01 31

ATTN: LINDY JOHNSON

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
IC25 STATRE 7DAY CHR CERIODAPHNIA	*****	*****	**	*****	*****	23			
TRP3B 1 0 0 EFFLUENT GROSS VALUE	*****	*****	***	Not Reporting at this time	*****	PERCENT		ANNUAL	COMPOS
IC25 STATRE 7DAY CHR PIMEPHALES	*****	*****	**	Not Reporting at this time	*****	23			
TRP6C 1 0 0 EFFLUENT GROSS VALUE	*****	*****	***	Not Reporting at this time	*****	PERCENT		ANNUAL	COMPOS
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J.R. Bynum	TELEPHONE 865 717-2501	DATE 07 02 13
Exec. V.P., Fossil Power Group	AREA NUMBER 865	YEAR MO DAY 07 02 13
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Beckham</i>	

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

Toxicity test initiated on January 22, 2007, was invalidated due to failure to follow proper Chain-of-Custody requirements. A repeat test will be scheduled as soon as possible. Reports to follow for both invalidated and repeat tests.

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

Name **TVA - KINGSTON FOSSIL PLANT**
 Address **714 SWAN POND ROAD**
HARRISMAN, IN 37748
 Facility **TVA - KINGSTON FOSSIL PLANT**
 Location **ROANE COUNTY, (KFO) IN 37763**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 PERMIT NUMBER **TN0005452**
 DISCHARGE NUMBER **005 G**

MAJOR (SUBR 03)
F - FINAL
 CHEMICAL METAL CLEANING WASTEWATER
 EFFLUENT

Form Approved
 OMB No. 2040-0004
 Approval expires 05-31-98

From **07 01 01** To **07 01 31**

MONITORING PERIOD
 YEAR MO DAY
07 01 01 **07 01 31**

*** NO DISCHARGE ***

ATTN: LINDY JOHNSON

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	(3 Card Only) (46-53)			(4 Card Only) (20-21) (22-23) (24-25)			(38-45)			(54-61)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM				
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	**	*****	*****	*****	*****	*****	*****	*****	*****	*****	19			
01042 1 0 0	PERMIT REQUIREMENT	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	MG/L		SEE PERMIT	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	**	*****	*****	*****	*****	*****	*****	*****	*****	*****	19			
IRON, TOTAL (AS FE)	PERMIT REQUIREMENT	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	MG/L		SEE PERMIT	GRAB
01045 1 0 0	SAMPLE MEASUREMENT	*****	03	*****	*****	*****	*****	*****	*****	*****	*****	*****	**			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	MGD	*****	*****	*****	*****	*****	*****	*****	*****	*****	***		ONCE/BATCH	CALCTD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
50050 1 0 0	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER J.R. Bynum	TELEPHONE 865 717-2501	DATE 07 02 13
Exec. V.P., Fossil Power Group	AREA CODE 865	YEAR 07
TYPED OR PRINTED	NUMBER 717-2501	MO 02
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Beckham</i> Michael T. Beckham, Plant Manager		
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

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

No Discharge this Period

EPA Form 3320-1 (08-95)

Previous editions may not be used.

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

Page 1 of 1

cc: G. G. Park, LP 5D - C
EDMS, WT-CA-K
File