Tennessee Valley Authority, Post Office Box 2000, Stevenson, AL 35772-2000

February 13, 2012

Alabama Department of Environmental Management
Permits and Services Division
Info Sys Branch/ EDS
1400 Coliseum Boulevard
Montgomery, AL 36110-2059

Attention: Mr. Mike McCrary

Dear Sir:

WIDOWS CREEK FOSSIL PLANT (WCF) - NPDES PERMIT AL0003875 – January 2012 Discharge Monitoring Report (DMR)

Enclosed are the WCF DMRs for January 2012. Also included is a copy of a 5 day notification letter and Noncompliance Notification Form for an event that occurred on January 23, 2012 that was submitted to ADEM on January 26, 2012. Also, TVA's executive management has recently changed. New documentation pertaining to the persons duly authorized to sign reports will be submitted as soon as practicable. If you have any questions concerning these reports, please contact Chad Reed, Program Administrator-Environmental at (256) 437-4441.

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 properly gather and evaluate the information submitted. Based on my inquiry of the 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.

Sincerely,

William A. Bruss
Plant Manager
Widows Creek Fossil Plant

WAB:CHR
Enclosures
K.C. Ward, BR 4A-C (Electronic,EDMS)
M.G. Tritapoe, BR 4A-C
T.R. Markum, BR 4A-C

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

Name **Tennessee Valley Authority**
Address Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility TVA Widows Creek Fossil Plant
Location Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
ASH POND DISCHARGE TO TENN RIV

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	********	********	**	7.6	********	8.2	12	0	3 / 31	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	6.0 DAILY MN	********	9.0 DAILY MX	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	********	********	**	********	6.5	7.0	19	0	2 / 31	GR
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	22 MO AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
ARSENIC, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	********	2.0	26	********	********	********	**	0	01 / 14	GR
00978 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	REPORT DAILY MX	LBS/DY	********	********	********	****		ONCE/ 2 WEEKS	GRAB
IRON, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	********	********	**	********	********	0.266	19	0	2 / 31	GR
00980 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	********	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB
COPPER, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	********	********	**	********	********	0.005	19	0	2 / 31	GR
01119 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	********	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	********	********	**	********	3.0	3.5	19	0	2 / 31	GR
03582 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	9 MO AVG	12 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	21.39	23.41	03	********	********	********	03	0	2 / 31	IN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	********	********	********	MGD		ONCE/ MONTH	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations	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 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.	William A. Bruss, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Name Tennessee Valley Authority
Address Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility TVA Widows Creek Fossil Plant
Location Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
ASH POND DISCHARGE UNITS 7 & 8

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE XX ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	********	********	**		********		12			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	6.0 DAILY MN	********	REPORT DAILY MX	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	********	********	**	********			19			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	22 MO AVG	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	********	********	**	********			19			
03582 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	9 MO AVG	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	********	********	********	**			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	********	********	********	****		ONCE/ MONTH	INSTAN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations	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 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.	William A. Bruss, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

During Months in which Ash Pond discharges to both DSN001 & 001A Permittee is required to sample only DSN 001 and Report 001A as "No Discharge". If certain parameters do not require monitoring/reporting report "NODI = 9" for each parameter. No Discharge this Period

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

Name Tennessee Valley Authority
Address Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility TVA Widows Creek Fossil Plant
Location Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	001B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
METAL CLEANING WASTE

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE XX ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	********	********	**		********		12			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	6.0 DAILY MN	********	REPORT DAILY MX	SU		ONCE/ DISCHG	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	********	********	**	********			19			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	********	********	**	********			19			
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	1.0 MO AVG	1.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	********	********	**	********			19			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	1.0 MO AVG	1.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	********	********	**	********			19			
03582 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	********	********	********	**			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	********	********	********	****		ONCE/ DISCHG	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations	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 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.	William A. Bruss, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	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 Tennessee Valley Authority
Address Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility TVA Widows Creek Fossil Plant
Location Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	001C
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
METAL CLEANING WASTE

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE XX ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	********	********	12		********		12			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	SU	6.0 DAILY MN	********	REPORT DAILY MX	SU		ONCE/ DISCHG	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	********	********	**	********			19			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	30.0 MO AVG	100.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	********	********	**	********			19			
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	1.0 MO AVG	1.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	********	********	**	********			19			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	1.0 MO AVG	1.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	********	********	**	********			19			
03582 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	15.0 MO AVG	20.0 DAILY MX	MG/L		ONCE/ DISCHG	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			03	********	********	********	**			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	********	********	********	****		ONCE/ DISCHG	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 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.	William A. Bruss, Plant Manager	TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	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 Tennessee Valley Authority
Address Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility TVA Widows Creek Fossil Plant
Location Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	002 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
ONCE THROUGH CONDENSER COOLING

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	********	********	**	********	61	72	15	0	01 / 01	CALCTD
00011 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	**REPORT MO AVG**	**102 DAILY MX**	DEG.F		DAILY	CALCTD
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	********	********	**	********	49	52	15	0	24 / 01	RCORDR
00011 7 0 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	********	********	****	********	**REPORT MO AVG**	**REPORT DAILY MX**	DEG.F		CONTIN UOUS	RCORDR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	608.1	705.6	03	********	********	********	**	0	01 / 01	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	**REPORT MO AVG**	**REPORT DAILY MX**	MGD	********	********	********	****		DAILY	TOTALZ
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	********	********	**	********	NODI = 9	NODI = 9	19			
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	**0.07 MO AVG**	**0.10 DAILY MX**	MG/L		DAILY	GRAB
CHLORINE, FREE AVAILABLE	SAMPLE MEASUREMENT	********	********	**	********	NODI = 9	NODI = 9	19			
50064 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	**0.2 MO AVG**	**0.5 DAILY MX**	MG/L		DAILY	GRAB
CHLORINATION	SAMPLE MEASUREMENT	********	********	**	********	********	NODI = 9	58			
50068 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	********	**120.0 DAILY MX**	MIN/DAY		DAILY	MEASRD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 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.	William A. Bruss, Plant Manager	TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

Monitoring locations P-W correspond to units 1-8 respectively. NO CHLORINATION THIS PERIOD

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

Name: **Tennessee Valley Authority**
Address: Widows Creek Fossil Plant
1101 Market Street
Chattanooga TN 37402
Facility: TVA Widows Creek Fossil Plant
Location: Stevenson AL 35772

Attn: Plant Manager

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

AL0003875	008 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
From	12	01	01	To	12	01	31

MAJOR
(SUBR HT)
F - FINAL
DECANT PROCESS WATER AND STORM

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	********	********	**	7.2	********	8.5	12	0	3 / 31	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	6.0 DAILY MN	********	9.0 DAILY MX	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	********	********	**	********	********	22.0	19	0	3 / 31	GR
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	********	100 DAILY MX	MG/L		ONCE/ MONTH	GRAB
OIL AND GREASE	SAMPLE MEASUREMENT	********	********	**	********	********	2.8	19	0	3 / 31	GR
03582 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	****	********	********	20 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	********	9.41	03	********	********	********		0	2 / 31	IN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	REPORT DAILY MX	MGD	********	********	********	****		ONCE/ MONTH	INSTAN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Elliot Flick V.P. Coal Operations	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 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.	William A. Bruss, Plant Manager SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	256	437-4400	12	02	13
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *001* Ash Pond Discharge to Tennessee River

NPDES # AL0003875

PARAM	FLOW	pH	O&G	TSS	Cu.TR	Fe.TR	As.TR							
AVG	-	6.0 min	9	22	-	-	-							
MAX	-	9.0	12	70	-	-	-							
FREQ.	1/mo	1/mo	1/mo	1/mo	1/mo	1/mo	1/2 wks							
UNITS	MGD	s.u.	mg/L	mg/L	mg/L	mg/L	LBS/DY							
1														
2		7.6,7.6												
3														
4	19.37	8.2	3.5,2.5	7.0,6.0	0.005,0.005	0.266,0.257	1.6,1.6							
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17	23.41						2.0							
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MAX	23.41	8.2	3.5	7.0	0.005	0.266	2.0							
AVG	21.39		3.0	6.5	0.005		1.7							
MIN		7.6												

I certify under penalty of law that this document and all attachments were prepared under the 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 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.

Signature of Responsible Official William A Bruss William A. Bruss, Plant Manager Date 2/14/12

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *001A* Ash Pond Discharge to Units 7 & 8 Intake

NPDES # AL0003875

PARAM	FLOW	pH	O&G	TSS										
AVG	-	6.0 min	9	22										
MAX	-	-	15	70										
FREQ.	1/mo	1/mo	1/mo	1/mo										
UNITS	MGD	s.u.	mg/L	mg/L										
1	*													
2	*													
3	*													
4	*													
5	*													
6	*													
7	*													
8	*													
9	*													
10	*													
11	*													
12	*													
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31	*													

I certify under penalty of law that this document and all attachments were prepared under the 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 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.

* NO DISCHARGE

Signature of Responsible Official William A. Bruss William A. Bruss, Plant Manager Date 2/14/12

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *001B* Iron Bearing Metal Cleaning Waste Pond

NPDES # AL0003875

PARAM	FLOW	p.H.	O & G	TSS	Cu.T	Fe. T								
AVG	-	6.0 min	15.0	30.0	1.0	1.0								
MAX	-	-	20.0	100.0	1.0	1.0								
FREQ.	1/Dis	1/Dis	1/Dis	1/Dis	1/Dis	1/Dis								
UNITS	MGD	s.u.	mg/L	mg/L	mg/L	mg/L								
1	*													
2	*													
3	*													
4	*													
5	*													
6	*													
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* NO DISCHARGE

Signature of Responsible Official William A Bruss William A. Bruss, Plant Manager Date 2/14/12

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *001C* Copper Bearing Metal Cleaning Waste Pond

NPDES # AL0003875

PARAM	FLOW	p.H.	O & G	TSS	Cu.T	Fe. T								
AVG	-	6.0 min	15.0	30.0	1.0	1.0								
MAX	-	-	20.0	100.0	1.0	1.0								
FREQ.	Daily	1/Dis	1/Dis	1/Dis	1/Dis	1/Dis								
UNITS	MGD	s.u.	mg/L	mg/L	mg/L	mg/L								
1	*													
2	*													
3	*													
4	*													
5	*													
6	*													
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31	*													

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* NO DISCHARGE

Signature of Responsible Official William A. Bruss, Plant Manager Date 2/14/12

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *002* Condenser Cooling Water

NPDES # AL0003875

PARAM	FLOW	Temp(D)	Temp(I)	Cl.T	Cl.FA	Time TRC								
AVG	-	-	-	0.07	0.2	-								
MAX	-	102	-	0.10	0.5	120.0								
FREQ.	1/day	1/day	Continuou	1/day	1/day	1/day								
UNITS	MGD	DEG.F	DEG.F	mg/L	mg/L	min/day								
1	576.0	67	51	~	~	~								
2	576.0	72	50	~	~	~								
3	576.0	72	48	~	~	~								
4	576.0	70	48	~	~	~								
5	576.0	64	48	~	~	~								
6	576.0	58	48	~	~	~								
7	576.0	59	48	~	~	~								
8	576.0	61	49	~	~	~								
9	576.0	61	49	~	~	~								
10	576.0	61	50	~	~	~								
11	576.0	61	50	~	~	~								
12	605.8	63	51	~	~	~								
13	688.8	59	49	~	~	~								
14	625.2	59	48	~	~	~								
15	705.6	57	48	~	~	~								
16	705.6	57	47	~	~	~								
17	705.6	58	48	~	~	~								
18	705.6	57	48	~	~	~								
19	705.6	57	47	~	~	~								
20	695.2	57	48	~	~	~								
21	612.3	57	48	~	~	~								
22	576.0	58	49	~	~	~								
23	576.0	60	50	~	~	~								
24	576.0	61	51	~	~	~								
25	576.0	62	50	~	~	~								
26	576.0	61	51	~	~	~								
27	576.0	62	52	~	~	~								
28	576.0	61	51	~	~	~								
29	576.0	60	49	~	~	~								
30	576.0	59	49	~	~	~								
31	576.0	58	49	~	~	~								
MAX	705.6	72	52											
AVG	608.1	61	49											
MIN														

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~ Not Chlorinating

Signature of Responsible Official William A. Bruss, Plant Manager Date 2/14/12

ADEM DISCHARGE MONITORING REPORT

MONTH January 2012

COMPANY: TVA - WIDOWS CREEK FOSSIL PLANT LOCATION: Steamplant Rd
Stevenson, Alabama 35772

DSN *008* Flue Gas Desulfurization (FGD) Settling Pond Discharge

NPDES # AL0003875

PARAM	FLOW	pH	O&G	TSS										
AVG	-	6.0 min	-	-										
MAX	-	9.0	20	100										
FREQ.	1/mo	1/mo	1/mo	1/mo										
UNITS	MGD	s.u.	mg/L	mg/L										
1														
2														
3														
4	2.95	7.2,7.2	1.4,1.4	8.0,8.0										
5														
6														
7														
8														
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10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23	9.41	8.5	2.8	22.0										
24														
25														
26														
27														
28														
29														
30														
31														
MAX	9.41	8.5	2.8	22.0										
AVG	6.18		1.9	12.7										
MIN		7.2												

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Signature of Responsible Official William A. Bruss William A. Bruss, Plant Manager Date 2/14/12