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AUTH. NAME AUTHOR AFFILIATION
 * Tennessee Valley Authority
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: "Discharge Monitoring Rept for Aug 1993."

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 TITLE: Environmental Event Report (per Tech Specs)

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Date of Report _____

DISCHARGE MONITORING REPORT

NPDES NUMBER: AL 0022080

PERMITTEE INFORMATION:

NAME: TENNESSEE VALLEY AUTHORITY

ADDRESS: BROWNS FERRY NUCLEAR PLANT

PO Box 2000 MAIL STOP PMA 1E

DECATUR, ALABAMA 35609-2000

FACILITY NAME: BROWNS FERRY NUCLEAR PLANT

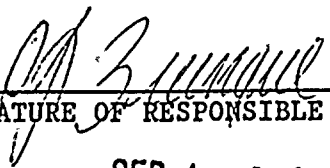
FACILITY CONTACT:

NAME: JOHN B. BRELENTHIN

PHONE: (205) 729-2448

REPORTING PERIOD: AUGUST 1993

I certify under penalty of law that this discharge monitoring report, required by NPDES Permit Number AL 0022080 for the reporting period of August 1, 1993 through August 31, 1993 and consisting of pages numbered 1 through 9 was 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.



SIGNATURE OF RESPONSIBLE INDIVIDUAL

SEP 15 1993

DATE OF SIGNATURE

PLCEM332/366

200167

9309220040 930831
PDR ADCK 05000259
R PDR

2003 11



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ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant

LOCATION : MONTHLY
U.S. Highway 72
Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

DSN001

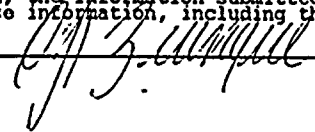
6 Hr Hourly

EFFECTIVE : 10-15-89

PARAM	Flow	pH	Cl,TA	Amb,RT	DRT	Temp,R	Temp	Temp	Hyd	6/ - Report Violations Only	
AVG	Mon	6.0 min	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2/ 5/ - Measurement Frequency	
MAX	Mon	9.0	730	Mon	90 F	10 F	92 F	93 F	0.01	in your permit.	
FREQ	Cont	1/wk	6/	2/ 5/	1/day	1/day	1/day	1/day	1/wk		
UNITS	MGD	s.u.	PPD		deg. F	deg. F	deg. F.	deg. F	mg/L		
1	860.1			87.4	87.5	0.300	0.000	87.5			
2	860.1			86.5	87.5	1.50	0.000	88.0			
3	860.1	8.03		86.0	87.5	1.50	0.000	88.1	<.010		
4	860.1			85.8	87.4	2.80	0.000	87.9			
5	860.1			85.8	87.5	2.20	0.000	87.5			
6	860.1			85.0	87.1	3.40	0.000	87.4			
7	860.1			83.3	85.7	2.40	0.000	85.9			
8	860.1			83.9	85.0	1.70	0.000	85.3			
9	860.1			84.0	85.0	1.40	0.000	86.1			
10	860.1	8.11		83.7	85.4	1.80	0.000	86.4	<.010		
11	860.1			83.9	85.9	2.00	0.000	86.9			
12	860.1			84.3	86.0	2.00	0.000	86.3			
13	860.1			84.3	85.9	2.30	0.000	86.2			
14	860.1			83.6	85.5	2.30	0.000	85.6			
15	860.1			84.7	85.1	1.20	0.000	86.2			
16	860.1			85.2	86.4	1.70	0.000	87.4			
17	860.1	8.06		84.9	86.7	1.90	0.000	88.2	<.010		
18	860.1			85.4	87.2	2.00	0.000	88.1			
19	860.1			85.4	87.4	2.00	0.000	88.6			
20	860.1			86.9	87.7	2.00	0.000	89.1			
21	860.1			86.6	87.7	1.40	0.000	88.5			
22	860.1			86.6	87.8	1.30	0.000	88.3			
23	860.1			86.6	87.8	1.50	0.000	89.6			
24	860.1	8.04		86.4	88.3	1.90	0.000	89.4	<.010		
25	860.1			86.5	88.5	2.00	0.000	89.2			
26	860.1			86.8	88.7	2.00	0.000	90.0			
27	860.1			86.9	88.8	2.00	0.000	89.5			
28	860.1			87.0	88.8	1.90	0.000	89.5			
29	860.1			87.3	88.7	1.80	0.000	89.5			
30	860.1			87.3	88.8	2.00	0.000	89.8			
31	860.1	8.16		86.7	88.7	2.00	0.000	89.6	<.010		
M AVG	860.1	8.08		85.6	87.2	1.88	0.000	87.9	<.010		
MAX	860.1	8.16		87.4	88.8	3.40	0.000	90.0	<.010		

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.

Signature of Responsible Official



Date

9/15/93



ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant
 DSN001a (Formerly 103)

LOCATION : MONTHLY
 U.S. Highway 72
 Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

EFFECTIVE : 10-15-89

PARAM	Flow	O & G	TSS
AVG	Mon	15.0	30.0
MAX	Mon	20.0	100.0
FREQ	1/wk	1/wk	1/wk
UNITS	MGD	mg/l	mg/l
1			
2			
3			
4			
5	0.115	<5.00, <5.00	3.00, 3.00
6			
7			
8			
9			
10			
11			
12	0.067	<5.00	4.00
13			
14			
15			
16			
17			
18			
19	0.155	<5.00	9.00
20			
21			
22			
23			
24			
25			
26	0.266	<5.00	7.00
27			
28			
29			
30			
31			
M AVG	0.151	<5.00	5.20
MAX	0.266	<5.00	9.00

REPLICATE

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.

Signature of Responsible Official *[Signature]*

Date 9/15/93



ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant

LOCATION : MONTHLY
 U.S. Highway 72
 Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

EFFECTIVE : 10-15-89

DSN001b

PARAM	Flow	O & G	TSS	Cu.T	Fe.T																		
AVG	Mon	15.0	30.0	N/A	N/A																		2/ Will be applicable only when chemical metal cleaning solutions are being used. The rest located in Permit
MAX	Mon	20.0	100.0	1.0	1.0	2/																	
FREQ	1/Bat	2/wk	2/wk	1/Batch	1/Batch																		
UNITS	MGD	mg/l	mg/l	mg/l	mg/l																		
1	0.031	<5.00	<1.00																				
2	0.026	<5.00	<1.00																				
3	0.005																						
4	0.031																						
5	0.024																						
6	0.006																						
7	0.031																						
8	NONE																						
9	0.031	<5.00																					
10	0.031	5.00	<1.00																				
11	0.028	7.00	62.0																				
12	0.012																						
13	0.031																						
14	NONE																						
15	0.031	<5.00	<1.00																				
16	0.030	<5.00	<1.00																				
17	0.010																						
18	0.021																						
19	0.031																						
20	0.030																						
21	0.031																						
22	0.031																						
23	NONE																						
24	0.031	<5.00	<1.00																				
25	0.030	<5.00	2.00																				
26	NONE																						
27	0.031																						
28	NONE																						
29	0.031																						
30	0.029	<5.00	<1.00																				
31	0.016	<5.00	<1.00																				
M AVG	0.026	<4.77	<7.20																				
MAX	0.031	7.00	62.0																				

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Signature of Responsible Official [Signature]

Date 9/15/93

ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant

LOCATION : MONTHLY
 O.S. Highway 72
 Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

DSN001c (Formerly 107)

EFFECTIVE : 10-15-89

PARAM	Flow	O & G	TSS																		
AVG	Mon	15.0	30.0																		
MAX	Mon	20.0	100.0																		
FREQ	1/wk	1/wk	1/wk																		
UNITS	MGD	mg/l	mg/l																		
1																					
2																					
3																					
4	0.007	<5.00, <5.00	2.00, 2.00																		REPLICATE
5																					
6																					
7																					
8																					
9																					
10																					
11	0.005	<5.00	3.00																		
12																					
13																					
14																					
15																					
16																					
17																					
18	0.002	<5.00	2.00																		
19																					
20																					
21																					
22																					
23																					
24																					
25	0.008	<5.00	3.00																		
26																					
27																					
28																					
29																					
30																					
31																					
M AVG	0.006	<5.00	2.40																		
MAX	0.008	<5.00	3.00																		

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.

Signature of Responsible Official *[Handwritten Signature]* Date 9/15/93



ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant
 DSN002 (Formerly 102)

LOCATION : MONTHLY
 U.S. Highway 72
 Athens, Alabama 35611

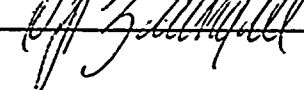
MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

EFFECTIVE : 10-15-89

PARAM	Flow	pH	O & G	TSS	Hyd										
AVG	Mon	6.0 min	15.0	30.0	N/A										
MAX	Mon	9.0	20.0	100.0	0.01										
FREQ	1/Bat	1/Batch	1/Batch	2/Batch	1/Batch*	* Discharge no longer has the potential to contain Hydrazine									
UNITS	MGD	s.u.	mg/l	mg/l	mg/l										
1	NONE														
2	0.131	7.74	<5.00	4.00											
3	0.131														
4	0.131														
5	0.131														
6	0.131														
7	0.131														
8	0.131														
9	0.131	7.97	<5.00	5.00											
10	NONE														
11	NONE														
12	NONE														
13	NONE														
14	NONE														
15	NONE														
16	NONE														
17	NONE														
18	NONE														
19	NONE														
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23	NONE														
24	NONE														
25	NONE														
26	NONE														
27	NONE														
28	NONE														
29	NONE														
30	NONE														
31	NONE														
M AVG	0.131	7.86	<5.00	4.50											
MAX	0.131	7.97	<5.00	5.00											

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Signature of Responsible Official 

Date 9/15/93



ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant

LOCATION : MONTHLY
U.S. Highway 72
Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

EFFECTIVE : 10-15-89

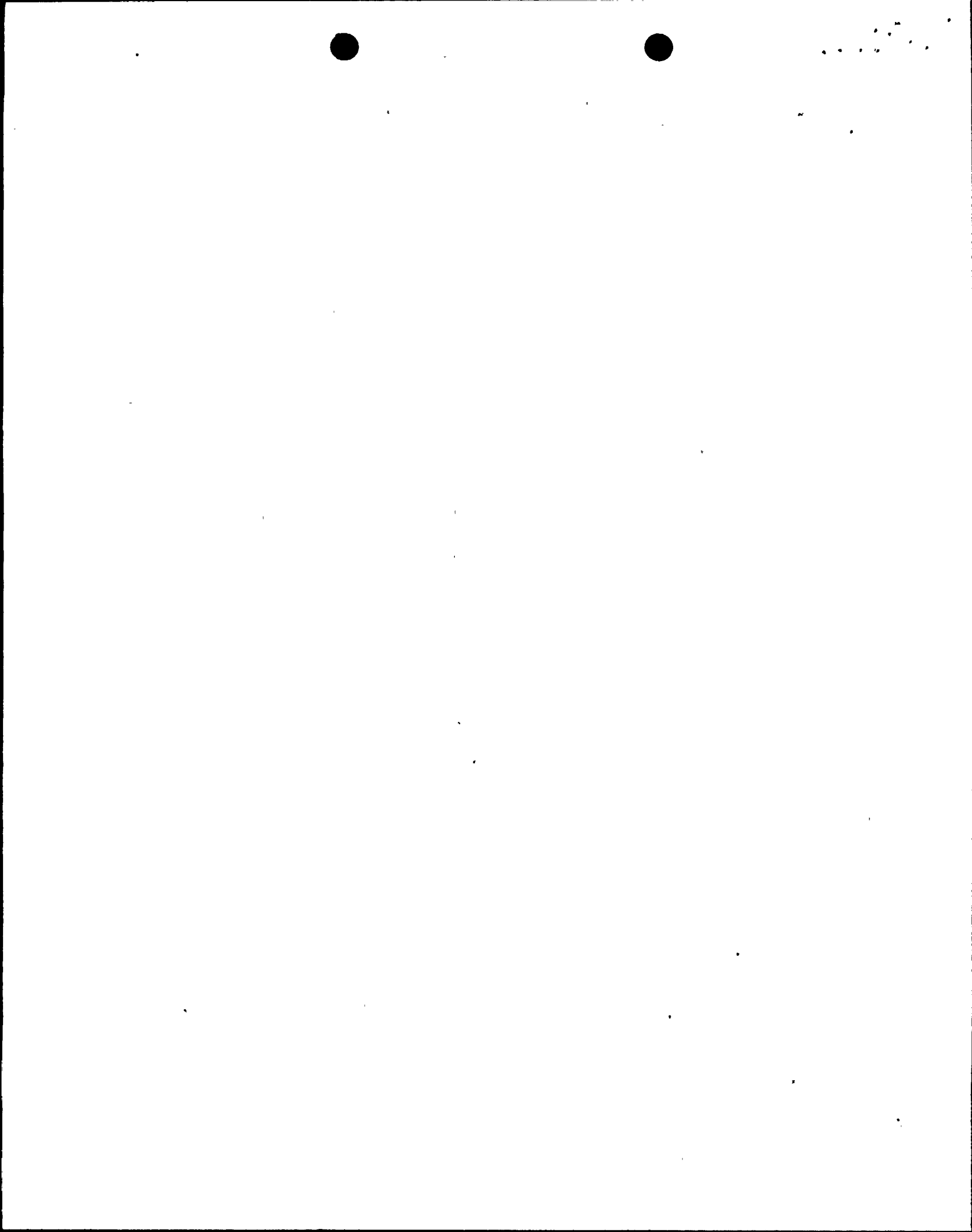
DSN005

PARAM	Flow	Temp																			
AVG	Mon	Mon																			
MAX	Mon	Mon																			
FREQ	1/wk	1/wk																			
UNITS	MGD	degrees F																			
1	NONE																				
2	NONE																				
3	NONE																				
4	NONE																				
5	NONE																				
6	NONE																				
7	NONE																				
8	NONE																				
9	NONE																				
10	NONE																				
11	NONE																				
12	NONE																				
13	NONE																				
14	NONE																				
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26	NONE																				
27	NONE																				
28	NONE																				
29	NONE																				
30	NONE																				
31	NONE																				
M AVG	NONE																				
MAX	NONE																				

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Signature of Responsible Official [Handwritten Signature]

Date 9/15/93



ADEM DISCHARGE MONITORING REPORT

COMPANY : TVA - Browns Ferry Nuclear Plant

LOCATION : MONTHLY
U.S. Highway 72
Athens, Alabama 35611

MONTH : AUGUST, 1993

NPDES NO. AL0022080 MAJOR

EFFECTIVE : 10-15-89

DSN011

PARAM	Flow	BOD (5)	TSS
AVG	Mon	30.0	90.0
MAX	Mon	45.0	135.0
FREQ	5/wk	2/mo	2/mo
UNITS	MGD	mg/l	mg/l
1			
2	0.00		
3	0.00		
4	0.00		
5	0.00		
6	0.00		
7			
8			
9	0.00		
10	0.00		
11	0.00		
12	0.00		
13	0.00		
14			
15			
16	0.00		
17	0.024	19.0	51.0
18	0.018		
19	0.018		
20	0.018		
21			
22			
23	0.018		
24	0.024	9.20	23.0
25	0.024		
26	0.024		
27	0.024		
28			
29			
30	0.024		
31	0.024		
M AVG	0.011	14.1	37.0
MAX	0.024	19.0	51.0

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.

Signature of Responsible Official *[Signature]* Date 9/15/93



Handwritten marks and scribbles in the top right corner, including a series of dots and faint lines.