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SUBJECT: "ADEM Discharge Monitoring Rept for Nov 1991 for Browns Ferry Nuclear Plant."

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RIDS/ADDS

RIDS/ADDS

ATTACHMENT 1

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN001 — 6 Hr Hourly — EFFECTIVE: 10/15/89

PARAM	Flow	pH	Cl,TA	Amb,RT	ORT	Temp,R	Temp	Temp	Hyd		6/ - Re	port Vi	olation	s Only			
AVG	Mon	6.0 min	N/A	N/A	N/A	N/A	N/A	N/A	N/A		2/ 5/ -	Measure	ment Fr	equency			
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	———	°F	°F	°F	°F	mg/l								
1	835.			67.8	69.7	1.9	0	70.7									
2	835.			67.2	69.1	2.4	0	67.9									
3	835.			63.6	66.0	2.5	0	65.0									
4	835.			62.1	63.6	4.2	0	64.3									
5	835.	7.7		57.3	61.4	4.6	0	61.6	<0.01								
6	835.			57.1	60.9	4.1	0	61.8									
7	835.			57.7	61.6	4.1	0	62.1									
8	835.	7.8		57.7	61.5	4.0	0	61.6	<0.01								
9	835.			55.8	59.9	4.2	0	58.6									
10	835.			53.7	57.9	4.4	0	58.5									
11	835.			53.1	56.9	3.8	0	56.5									
12	835.	7.9		52.9	56.1	3.3	0	56.5	<0.01								
13	835.			53.0	56.0	3.2	0	56.3									
14	835.			53.5	56.2	3.0	0	57.3									
15	835.			54.2	56.5	2.6	0	57.1									
16	835.			55.4	56.9	2.3	0	59.3									
17	835.			56.2	58.6	2.3	0	60.3									
18	835.			57.3	59.8	2.9	0	61.3									
19	835.	7.8		57.9	60.7	2.8	0	62.0	<0.01								
20	835.			58.3	60.9	2.8	0	63.1									
21	835.			58.4	60.8	2.4	0	61.0									
22	835.			58.3	60.3	2.0	0	60.1									
23	835.			57.6	59.4	2.3	0	59.6									
24	835.			56.5	58.6	2.3	0	57.8									
25	835.			54.1	56.4	3.7	0	56.2									
26	835.	7.8		51.9	55.5	3.8	0	55.6	<0.01								
27	835.			52.7	54.9	3.2	0	56.2									
28	835.			53.0	55.7	2.7	0	56.8									
29	835.			53.7	56.6	3.1	0	57.9									
30	835.			55.4	58.0	2.8	0	60.7									
31																	
MO AVG	835.	7.8		56.8	59.5	3.1	0	60.1	<0.01								
MAX	835.	7.9		67.8	69.7	4.6	0	70.7	<0.01								

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 DEC 20 1991

ADEM FORM 261 (B) 1/88

1663m/2

9112300032 911130
PDR ADOCK 05000259
R PDR

A048
0/1

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN001a (Formerly 103)

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	.00864	<5	22	
2				
3				
4				
5				
6				
7				
8	.1008	<5,<5	9,11	REPLICATE ANALYSIS
9				
10				
11				
12				
13				
14				
15	.0960	<5	6	
16				
17				
18				
19				
20				
21				
22	.1009	<5	13	
23				
24				
25				
26				
27				
28				
29	.0480	<5	6	
30				
31				
MO AVG	0.0709	<5	11.2	
MAX	0.1009	<5	22	

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/4

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

EFFECTIVE: 10/15/89

	DSN001b			2/	2/													
PARAM	Flow	O&G	TSS	Cu,T	Fe,T				2/Will	be appl	icable	only wh	en chem	ical me	tal cle	aning		
AVG	Mon	15.0	30.0	N/A	N/A				sol	utions	are use	d. The	rest lo	cated	in Perm	it.		
MAX	Mon	20.0	100.0	1.0	1.0													
FREQ	1/Bat	2/wk	2/wk	1/Bat	1/Bat													
UNITS	MGD	mg/l	mg/l	mg/l	mg/l													
1	.030912																	
2	NO FLOW																	
3	.014642	<5	16															
4	.016270																	
5	NO FLOW																	
6	.031124	<5																
7	NO FLOW	<5,<5	9,11	REPLICATE ANALYSIS														
8	.040216	12	29															
9	.024685																	
10	.006439																	
11	.021454	<5	17															
12	.008252																	
13	NO FLOW																	
14	.028346	<5	8															
15	.002566																	
16	.018077																	
17	.011629																	
18	NO FLOW																	
19	.030458	<5	19															
20	NO FLOW																	
21	.025234	<5	10															
22	.005678																	
23	NO FLOW																	
24	.031105	<5	10															
25	NO FLOW																	
26	NO FLOW																	
27	.031124	<5	8															
28	NO FLOW																	
29	NO FLOW																	
30	.030912																	
31																		
MO AVG	.021533	<5.6	13.7															
MAX	.040216	12	29															

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/5

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

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																		
5																		
6	.00524	<5,<5	5,4		REPLICATE ANALYSIS													
7																		
8																		
9																		
10																		
11																		
12																		
13	.00540	<5	13															
14																		
15																		
16																		
17																		
18																		
19																		
20	.00270	<5	28															
21																		
22																		
23																		
24																		
25																		
26																		
27	.00196	<5	6															
28																		
29																		
30																		
31																		
MO AVG	.00383	<5	11.2															
MAX	.00540	<5	28															

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/7

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA – Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN001d (Formerly 110)

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																	
6	.000534	<5,<5	8,2		REPLICATE ANALYSIS												
7																	
8																	
9																	
10																	
11																	
12																	
13	.00144	<5	2														
14																	
15																	
16																	
17																	
18																	
19																	
20	.00216	<5	3														
21																	
22																	
23																	
24																	
25																	
26																	
27	.00180	<5	11														
28																	
29																	
30																	
31																	
MO AVG	.00148	<5	5.2														
MAX	.00216	<5	11														

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/8

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN002 (Formerly 102)

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/Batch	1/Bat	1/Bat	2/Bat	1/Bat												
UNITS	MGD	s.u.	mg/l	mg/l	mg/l												
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15	.303867	7.5	<5,<5	3,3		REPLICATE ANALYSIS											
16	.303867																
17	.303867	7.9		15													
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
MO AVG	.303867	7.7	<5	7													
MAX	.303867	7.9	<5	15													

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/3

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN005

EFFECTIVE: 10/15/89

PARAM	Flow	Temp															
AVG	Mon	Mon															
MAX	Mon	Mon															
FREQ	1/wk	1/wk															
UNITS	MGD	°F															
1																	
2																	
3	NOT IN SERVICE FOR THE ENTIRE MONTH.																
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
MO AVG																	
MAX																	

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/6

ADEM DISCHARGE MONITORING REPORT

|X| MONTHLY

MONTH: November ,19 91

COMPANY: TVA - Brown's Ferry Nuclear Plant

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

NPDES NO. AL0022080 MAJOR

DSN011

EFFECTIVE: 10/15/89

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	.008712		
2			
3			
4	.005515		
5	.005515		
6	.005515		
7	.005515		
8	.008712		
9			
10			
11	.005515		
12	.005515		
13	.005515	14	15
14	.005515		
15	.005515		
16			
17			
18	.005515		
19	.008712		
20	.017856		
21	.017856	26	24
22	.031248		
23			
24			
25	.012802		
26	.017856		
27	.012802		
28	.012802		
29	.008712		
30			
31			
MO AVG	.010225	20	19.5
MAX	.031248	26	24

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Signature of Responsible Official _____ Date_____

ADEM FORM 261 (B) 1/88

1663m/9