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AUTH. NAME AUTHOR AFFILIATION
 BROOKS, R.H. Tennessee Valley Authority
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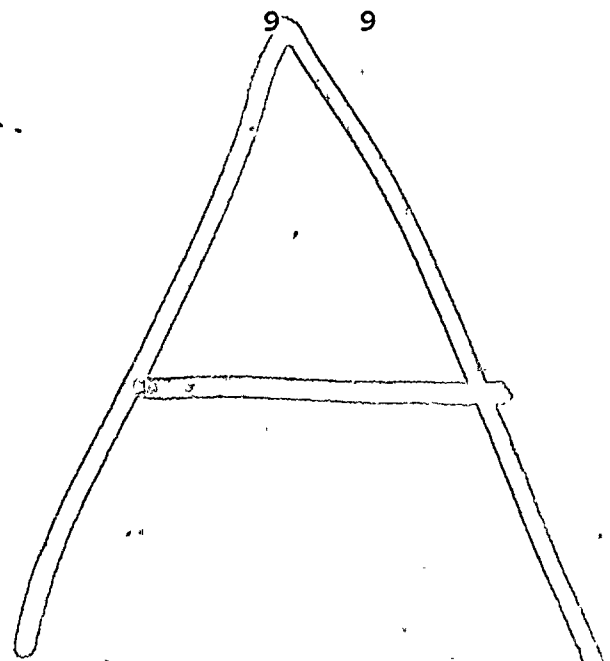
SUBJECT: "Discharge Monitoring Rept" for Mar 1988.

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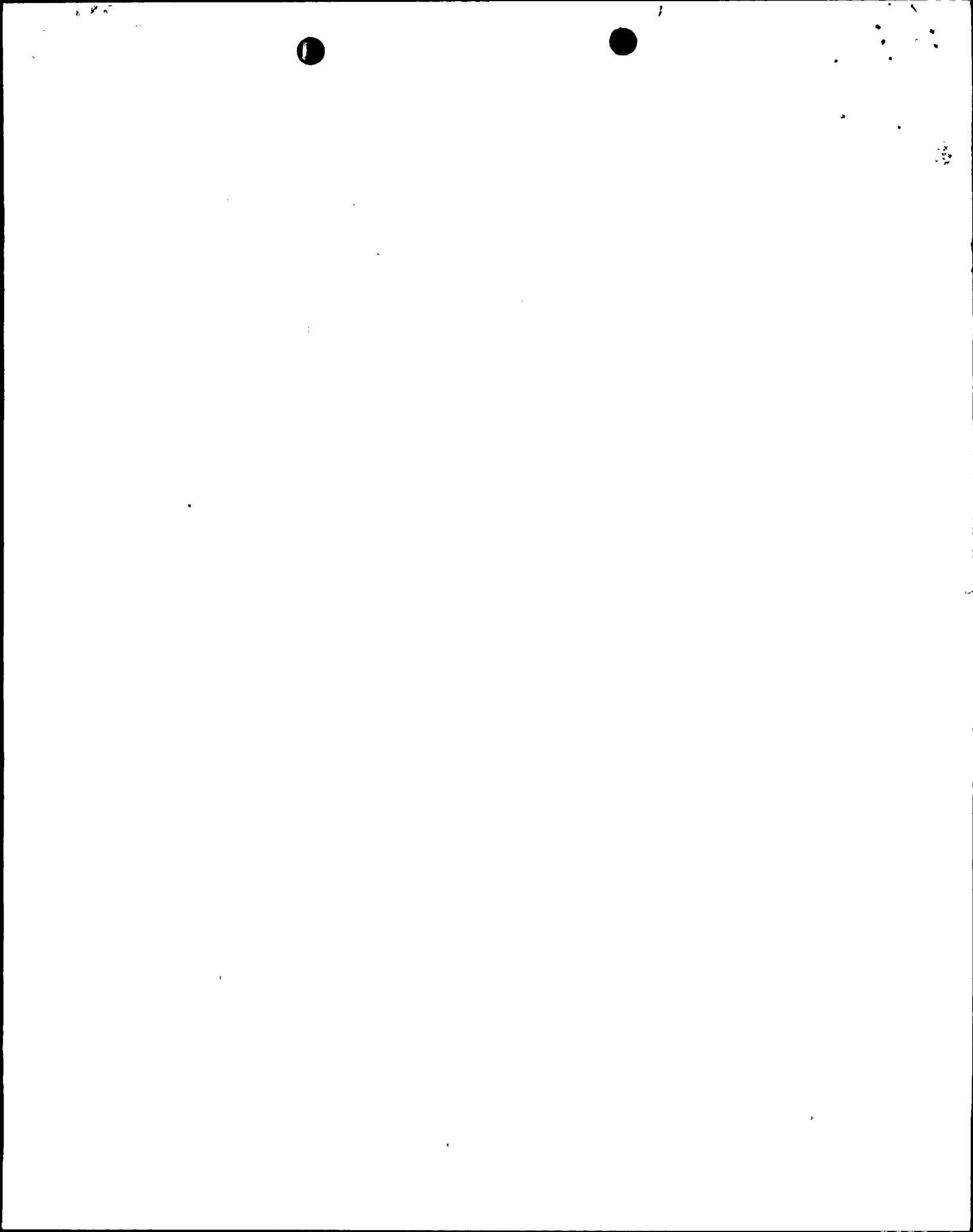
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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 101 - Diffuser Discharge
Structure

MONTH March 1988

NFDES # AL0022080

PARAM	FLOW	pH	Amb. River Temperature	Downstream River Temp.	D.S. River Temp. >2.0	Downstream River Temp.	Temperature Rise
AVG	-	6.0	24hr Av Max	24hr Av Max	---	Hourly Max	24hr Av Max
MAX	-	9.0	---	90.0	6 Hrlv Rds	93.0	10.0
UNITS	MGD	s.u.	---	=	# Rds >6	=	=
FREQ.	Cont.	1/wk	Continuous	Continuous	Hourly	Continuous	Continuous
1	633.6	8.1	49.4	48.6	0	49.4	-0.7
2	633.6		50.2	49.3	0	50.5	-0.6
3	633.6		51.0	51.5	0	52.8	0.5
4	633.6		51.9	52.5	0	52.9	0.8
5	633.6		51.2	51.6	0	50.7	0.6
6	633.6		50.0	50.5	0	50.4	0.6
7	633.6		50.9	50.0	0	51.3	0.0
8	633.6	8.0	51.6	51.1	0	52.1	-0.4
9	633.6		52.3	51.7	0	52.0	-0.4
10	633.6		52.3	51.7	0	51.2	0.1
11	633.6		50.7	50.8	0	50.9	0.1
12	633.6		51.3	51.0	0	51.8	-0.1
13	633.6		51.4	51.2	0	51.4	-0.1
14	633.6		51.3	51.0	0	50.8	0.2
15	633.6	8.4	50.0	50.3	0	50.2	0.4
16	633.6		49.0	49.4	0	50.0	0.6
17	633.6		50.1	50.1	0	51.0	0.5
18	633.6		50.7	50.6	0	50.9	0.1
19	633.6		50.3	50.4	0	50.1	0.2
20	633.6		50.1	49.9	0	50.7	0.0
21	633.6		52.4	51.3	0	52.9	-0.1
22	633.6	8.0	53.9	52.9	0	55.0	-0.9
23	633.6		54.9	55.0	0	56.1	0.2
24	633.6		56.5	57.2	0	58.8	0.7
25	633.6		57.8	59.0	0	59.9	1.2
26	633.6		58.5	59.5	0	59.8	1.3
27	633.6		58.5	58.9	0	60.1	0.3
28	633.6		59.1	58.9	0	60.1	0.1
29	633.6	8.3	59.6	60.3	0	61.7	0.6
30	633.6		60.3	61.2	0	62.1	1.0
31	633.6		60.6	61.0	0	61.3	0.7
MAX	633.6	8.4	60.6	61.2	0	62.1	1.3
AVG	633.6		53.2	53.2	0	53.8	0.2
MIN		8.0					

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.

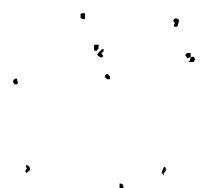
Signature of Responsible Official

Original signed by
Ralph H. Brooks

Date: APR 28 1988

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PDR ADOCK 05000259
R DCD

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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 102 - Sedimentation Pond

MONTH March 1988

NPDES # AL0022080

PARAM	FLOW	pH	O&G	TSS	COMMENTS
AVG	----	MIN. 6.0	15	30	
MAX	----	9.0	20	100	
UNITS	MGD	S.U.	mg/l	mg/l	
FREQ.	1/RELEASE	1/RELEASE	1/RELEASE	2/RELEASE	
1					POND OUT OF SERVICE
2					FOR REPAIR 11-2-87
3					
4					
5					
6					
7					
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10					
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15					
16					
17					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
MAX					
AVG					
MIN					
TOTAL	NO DISCHARGE				

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Signature of Responsible Official _____

Date: _____

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 103 - Unit 1,2,3 Turbine
Station Sump

MONTH March 1988 NPDES # AL0022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mg/l	mg/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1				
2				
3				
4	0.216000	< 5	70	TSS RESAMPLE 67 73
5			12	TSS RESAMPLE 25
6			52	TSS RESAMPLE 58 79 13
7			8	TSS RESAMPLE 10
8			9	TSS RESAMPLE 12 6
9			7	TSS RESAMPLE 7
10			12	
11	0.134400	< 5	7	
12				
13				
14				
15				
16				
17				
18	0.288000	< 5	6	
19				
20				
21				
22				
23				
24				
25	0.288000	< 5	7	
26				
27				
28				
29				
30				
31				
MAX	0.288000	< 5	79	
AVG	0.231600	< 5	27	

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Signature of Responsible Official _____

Date: _____

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 104 - Liquid Radwaste

MONTH March 1999

NFDES # AL0022060

PARAM	FLOW	C&G	TSS	LDT/C&G	LDT/TSS	Copper	Iron
AVG		15	30	15	30		
MAX		20	100	20	100	1.0	1.0
UNITS	MGD	mc/L	mg/L	mg/L	mg/L	mc/L	mg/L
FREQ.	1/BATCH	2/wk	2/wk	1/BATCH	1/BATCH	1/BATCH	1/BATCH
1	0.047721	< 5	< 1			(1) NA	(1) NA
2	NO DISCHARGE						
3	0.053568						
4	0.020988	< 5	< 1				
5	0.052144						
6	0.092618						
7	NO DISCHARGE						
8	0.103875						
9	0.023072	< 5	< 1				
10	0.036691						
11	0.026637	< 5	< 1				
12	0.065644						
13	0.065153						
14	0.054435						
15	0.027661	< 5	< 1, < 1				
16	0.101045						
17	0.096297						
18	0.075314	< 5	< 1				
19	0.023942						
20	0.030768						
21	0.024870	< 5	< 1				
22	NO DISCHARGE						
23	0.029313						
24	NO DISCHARGE						
25	0.062662	< 5	< 1				
26	NO DISCHARGE						
27	0.045292						
28	NO DISCHARGE						
29	0.031752						
30	0.019214	< 5	< 1				
31	NO DISCHARGE						
MAX	0.103875	< 5	< 1				
AVG	0.050445	< 5	< 1				

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Signature of Responsible Official _____

Date: _____

(1) No chemical metal cleaning solutions used this month.

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 105 - Residual Heat Removal
Service Water

MONTH -- March

1988

NPDES # AL0022080

PARAM	FLOW	TEMP	COMMENTS
AVG	----		
MAX	----		
UNITS	MGD	°	
FREQ.	1/WEEK	1/WEEK	
1			
2			
3			
4	*		NO DISCHARGE ENTIRE WEEK
5			
6			
7			
8			
9			
10			
11	*		NO DISCHARGE ENTIRE WEEK
12			
13			
14			
15			
16			
17			
18	*		NO DISCHARGE ENTIRE WEEK
19			
20			
21			
22			
23			
24			
25	*		NO DISCHARGE ENTIRE WEEK
26			
27			
28			
29			
30			
31			
MAX			
AVG	*		NO DISCHARGE ENTIRE MONTH

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Date: _____

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 106 - Condenser Cooling Water
Station Sump

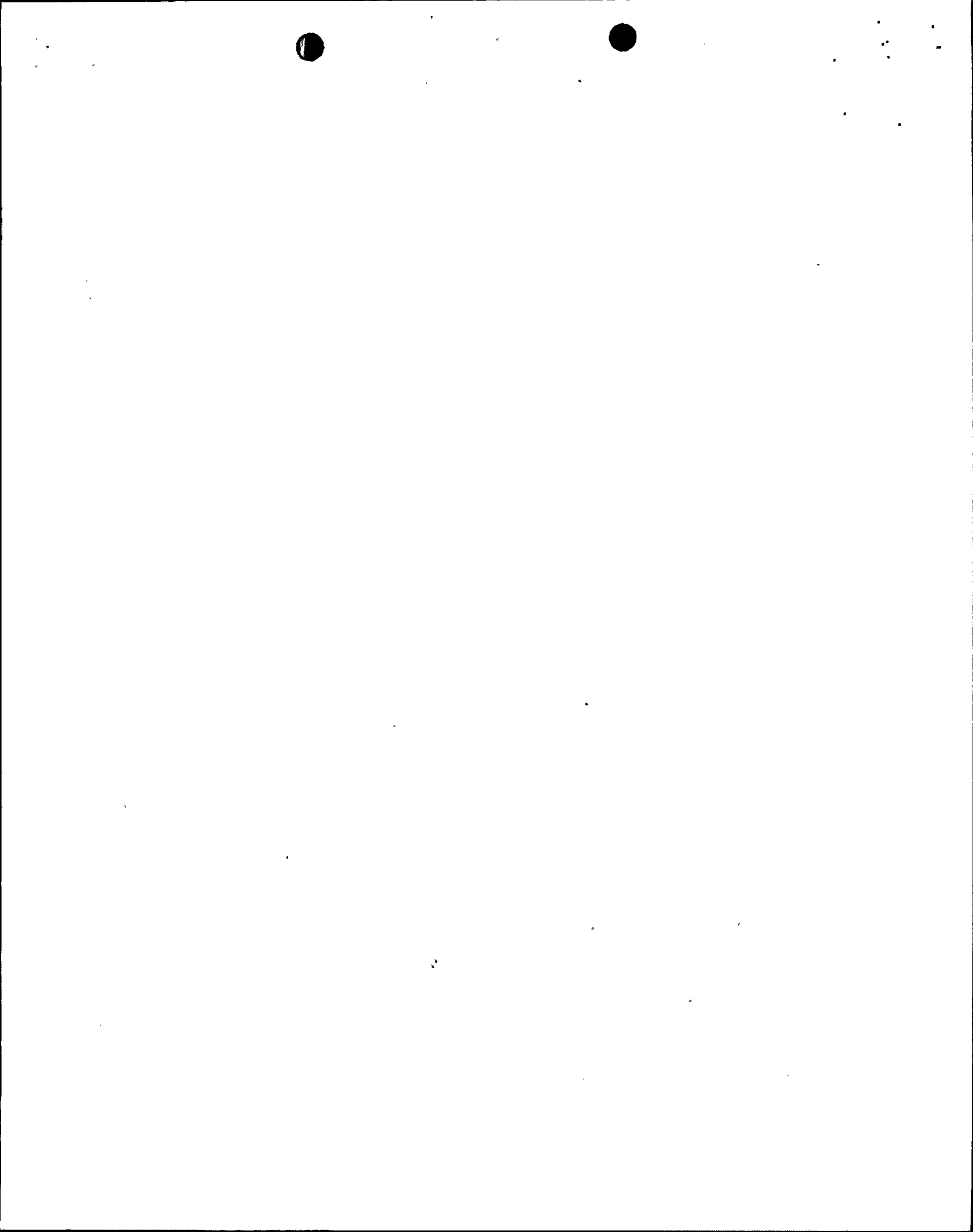
MONTH March 1988 NPDES # AL0022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mg/l	mg/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1				
2				
3	0.000000			
4				
5				
6				
7				
8				
9				
10	0.000000			
11				
12				
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17	0.000000			
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22				
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24	0.000000			
25				
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29				
30				
31	0.000000			
MAX	0.000000			
AVG	0.000000			

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Signature of Responsible Official: _____

Date: _____



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 107 - Unit 3 Control Bldg.
Drain

MONTH March 1982 NPDES # AL0022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mg/l	mg/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1				
2	0.000299	< 5	4	
3	0.001465			
4				
5				
6				
7				
8				
9	0.000376	< 5	3	
10	NO FLOW			
11				
12				
13				
14				
15				
16	NO FLOW			
17				
18				
19				
20				
21				
22				
23	0.001280	< 5	2	
24				
25				
26				
27				
28				
29				
30	0.001400	< 5	4	
31				
MAX	0.001465	< 5	4	
AVG	0.000964	< 5	3	

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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

DISCHARGE MONITORING REPORT

Tennessee Valley Authority

BROWNS FERRY NUCLEAR PLANT

DSN 108 - Diesel Bldg. Sump

Units 1 & 2

MONTH March 1988

NPDES # AL0022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mq/l	mq/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1				
2				
3	*			NO DISCHARGE ENTIRE WEEK
4				
5				
6				
7				
8				
9				
10	*			NO DISCHARGE ENTIRE WEEK
11				
12				
13				
14				
15				
16				
17	*			NO DISCHARGE ENTIRE WEEK
18				
19				
20				
21				
22				
23				
24	*			NO DISCHARGE ENTIRE WEEK
25				
26				
27				
28				
29				
30				
31	*			NO DISCHARGE ENTIRE WEEK
MAX				
AVG	*			NO DISCHARGE ENTIRE MONTH

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Signature of Responsible Official _____

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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 109 - Diesel Bldg. Sump
Unit 3

MONTH March 1998

NPDES # ALO022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mg/l	mg/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1				
2				
3	- * -			NO DISCHARGE ENTIRE WEEK
4				
5				
6				
7				
8				
9				
10	*			NO DISCHARGE ENTIRE WEEK
11				
12				
13				
14				
15				
16				
17	*			NO DISCHARGE ENTIRE WEEK
18				
19				
20				
21				
22				
23				
24	*			NO DISCHARGE ENTIRE WEEK
25				
26				
27				
28				
29				
30				
31	*			NO DISCHARGE ENTIRE WEEK
MAX				
AVG	*			NO DISCHARGE ENTIRE MONTH

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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN 110 - Unit 1 & 2 Office
Bldg. Drain

MONTH March 1988

NPDES # AL0022080

PARAM	FLOW	O&G	TSS	COMMENTS
AVG	----	15	30	
MAX	----	20	100	
UNITS	MGD	mg/l	mg/l	
FREQ.	1/WEEK	1/WEEK	1/WEEK	
1			38	
2	0.010400	8	16	
3			19	
4			20	
5			6	
6			12	
7			16	
8			11	
9	0.000610	< 5	21	
10			8	
11			23	
12			7	
13			8	
14			7	
15			22	
16	0.001340	< 5	29	
17				
18				
19				
20				
21			56	
22			9	
23	0.000450	< 5	28	
24			34	
25			6	
26			3	
27			4	
28			46	TSS RESAMPLE 6
29			6	
30	0.002750	< 5	20	
31			13	
MAX	0.010400	8	56	
AVG	0.003110	< 6	19	

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ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DISCHARGE MONITORING REPORT
Tennessee Valley Authority
BROWNS FERRY NUCLEAR PLANT

DSN : : : - Sewage Treatment Lagoon

1988

NPDES # AL0022080

PARAM	FLOW	TSS	BOD5	COMMENTS
AVG	----	90	30	
MAX	----	----	45	
UNITS	MGD	mg/l	mg/l	
FREQ.	5/WEEK	2/MONTH	2/MONTH	
1	0.039600			
2	0.049248			
3	0.049248			
4	0.060192			
5				
6				
7	0.039600	43	37	
8	0.049248			
9	0.049248			
10	0.049248			
11	0.049248			
12				
13				
14	0.039600	42	38	
15	0.031248			
16	0.031248			
17	0.060192			
18	0.017856			
19				
20				DISCHARGE DISCONTINUED BECAUSE OF
21				RIISING BOD5 CONCENTRATIONS.
22				
23				
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31				
MAX	0.060192	45	38	
AVG	0.043930	43	38	

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