DISCHARGE MONITORING REPORT

Tennessee Valley Authority Browns Ferry Nuclear Plant Athens, Alabama 35611

DSN 101: DIFFUSER DISCHARGE

STRUCTURE

MONTH _		DECEM	BER	1984NPDES # AL0022080						
PARAM AVG		FLOW	рН	AMBIENT RIVER	DOWNSTREAM RIVER TEMP	DOWNSTREAM RIVER TEMP	DOWNSTREAM RIVER TEMP	TEMP RISE		
			6.0		24-HOUR AVG NAX	6-HCUR AVG MAX	HOURLY MAX	24-nOUR AV3 MAX		
MA	х		9.0		90.0	92.0	93.0			
UNI	TS	DATE OF			o _F	o _F	o _F	10.0		
		MGD	UNITS					o _F		
FR	EQ	CONT	1/WK	2/, 6/ CONT	3/, 6/ CONT	3/, 6/ CONT	3/, 6/ CONT	4/, 6/ CONT		
	1	1901		51.4			52.8	1.3		
	2	1901		51.5			*	sie sie		
	3	1901		51.7			*	3/		
	4	1901	7.3	50.0			*	1:		
	5	1901		48.8			*	#:		
	6	1901		48.0			*	¥:		
	7	1901		45.2			47.9	3.0		
	8	1901		46.2			49.5	4.0		
	9	1901		47.2			52.1	5.3		
	10	1584		48.7			51.8	3.4		
	11	1584	7.1	48.8			50.8	1.6		
	12	1584	HIFE	48.7			50.8	2.6		
	13	1584		50.1		THE PARTY OF LESS	51.8	2.3		
	14	1584		51.1		Marie Person	52.6	1.5		
	15	1584		51.6			53.4	2.2		
DATE	16	1584		52.0			55.5	4.0		
0	17	1584		52.8			56.0	3.5		
	18	1584	7.5	53.1			56.7	3.8		
	19	1584		53.6			58.0	4.8		
	20	1901		54.1			58.6	5.0		
- 1	21	1901		54.8			59.5	5.2		
- 1	22	1584		55.0			59.8	5.0		
	23	1901		53.9			59.0	5.4		
	24	1901		53.9						
	25	1901		53.5			60.4 57.8	<u> 6.7</u>		
	26	1901	7.4	52.0			58.0	4.3 6.3		
	27	1901		52.9			58.1			
	28	1901		54.0			58.4	5.7		
	29	1901		54.8			60.0	4.9		
	30	1901		55.6			60.7	5.8		
	31	1901			8502040	484 BALCOL		5.8		
MA				56.2	PDR ADO	486 841231 CK 05000259	61.8	5.9		
-	-	1901		56.2		PDR	. 61.8	6.7		
AVG		1788	7.1-7.5	51.7			55.8	4.2		

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 *DATA NOT AVAILABLE. Original signed by

Signature of Responsible Official -ADEM Form 43 3/84

Martin E. Rivers

1985

DISCHARGE MONITORING REPORT Tennessee Valley Authority

DSN 102: SEDIMENTATION POND

EFFLUENT

Browns Ferry Nuclear Plant Athens, Alabama 35611

DECEMBER _ 19 _ 84 MONTH __ NPDES #AL0022080 PARAM FLOW 0&G pH TSS AVG 6.0 15 30 MAX 9.0 20 100 UNITS MGD UNITS MG/L MG/L FREQ 1/BATCH /BATCH 1/BATCH /BATCH 1 2 3 4 5 6 7 8 9 10 (5.0 11 0.075 7.6 13 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 MAX AVG 7.6-7.6 45.0 18

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	Date.
DEM Form 43 3/84	

Tennessee Valley Authority

DSN 103: UNITS 1, 2, AND 3

TURBINE BUILDING SUMP

Browns Ferry Nuclear Plant Athens, Alabama 35611

		DECEM	T	19			HPDES	# AL0022	2000	
PAI	RAM	FLOW	0&G	TSS						
AVG		-	15	30						
MA	XX	-	20	100						
UNI	ITS	MGD	MG/L	MG/L						
FR	EQ	1/WK	1/WK	1/WK						1
	1		REAL					1		1
	2									
	3									
	4									
	5									
	6									
	7	0.216	<5.0	21			ERE			
	8								No.	
42	9		10.14							
	10									
	11		No.							
	12									
	13	0.288	55.0	10						
	14							THEFT		
ш	15									
	16									
-	17									
	18									0
	19							First S		
		0.114	<5.0	7.2						
	21									
	22									
	23									
	24									
	25									
	26									
		0.114	9.7	2.4						
	28									
	29									
	30									
	31									
MA)	X	0.288	9.7	21						
AVG		0.183		10						

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	Date.
NEM Form 42 2/04	

DISCHARGE MONITORING REPORT

Tennessee Valley Authority

DSN 104: LIQUID RADWASTE SYSTEM

Browns Ferry Nuclear Plant

	TH _	DECEN	T	T -	9 84	more a T		NPDES	# AL0022080	
PARAM		FLOW	O&G	TSS	TOTAL	TOTAL Fe	TSS*			
AVG		-	15	30	_	218.	30			
MA	AX	-	20	100	1.0	1.0	100			
UN	ITS	MGD	MG/L	MG/L	MG/L	MG/L	MG/L			-
FR	EQ	1/BATCH			1/BATCH		PIG/L			-
	1	0.012	17				14			-
	2	0.033								-
	3	0.011	5.9	11						-
	4	G.104			D. R.E.					
	5	0.073		III iii						1
	6	0.012	6.6	12						
	7	0.012	<5.0				9.8		100000	
	8	0.033								
	9									
	10	0.012	12	16					The same	
		0.040								
	12	0.080	<5.0				11			
	1.5	0.052	5.9	9.3			13			
	15	0.068								
DATE	16	0.045	17		-		20			
DA		0.034			-					
	18	and the state of the state of the same	6.2	16						
	19	0.034	10						TOTAL MARK	
	20	0.046	19	23						
- 1	21	0.045	15.0	10						
	22	0.034	77.11	1,						
	23		<5.0	6.4						
	24		13.0	0.4						
	25		1111111							
	26	0.012	15.0	5.6						
-	27									-
	28	0.012	19	11						-
	29		27 201							-
	30									-
	31									
MA.	-	0.104	19	23	T		Tao T	+		
AV(0.037		12			20			

I certify under penalty of law that this document and all attachments were prepared under the direction or supermision 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 violations *GRAB SAMPLES.

Signature of Responsible Official -ADEM Form 43 3/84

Date. _

Tennessee Valley Authority

DSN 105: RESIDUAL HEAT REMOVAL

Browns Ferry Nuclear Plant Athens, Alabama 35611

MON	TH_	DECE	1BER	19	84					NPDES	# AL002	2080	
PA	RAM	FLOW	TEMP									T	Link
A	VG	-	-					7.46		1			
M/	XX.	-	-										
UN	ITS	MGD	o _F				331						
FR	EQ	1/WK	1/WK										
	1	-									1		1
	2								100				
	3												
	4									10.11733			
	5	The Real Property lies and the least lies and the lies and the lies and the least lies and the least lies and the lies and t						, 1. Ta		Bitt.			
	6	The state of the s	163						LEON:	HE I			
	7								Marie 1				
	8	_						MILL					
	9												
	10	The second second										10000	
	11									THE REAL PROPERTY.		1	
	12												
	13	NO FLOW								Marie I			
	14												
E	15												
DATE	16									H- L			
	17 18												
	-										100		
	19 20												
					_								
	22	NO FIOW			_		-						V V
. 1	23				_		-						1500
	24						_						
	25						_						
	26												
	27						_						
	28	NO FLOW			-		-						
	29	NO FLOW					-						
	30						-						
	31						-						
MA			-	_	_	_							
AVO	_	6.12	160		-								
AVI			163 penalty of law										

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	
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DISCHARGE MONITORING REPORT

Tennessee Valley Authority

DSN 106: CONDENSER COOLING WATER

PUMP STATION SUMP

Browns Ferry Nuclear Plant Athens, Alabama 35611

DECEMBER 19_84 MONTH NPDES # AL0022080 PARAM FLOW Cag TSS AVG 15 30 MAX 20 100 UNITS MGD MG/L MG/L FREQ 1/WK 1/WK 1/WK 1 2 3 4 5 6 7 0.029 <5.0 8 9 10 11 12 13 14 0.043 (5.0 10 15 16 17 18 19 20 21 0.043 <5.0 22 23 24 25 27 28 0.043 (5.0 2.7 29 30 31 MAX 0.043 35.0 10 AVG

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

Signature of Responsible Official	Data
ADEM Form 43 3/84	Date.

Tennessee Valley Authty Browns Ferm Nuclearant

DSN 107: UNIT 3 CONTROL

Athens, Aabama 318 BUILDING DRAIN

ONT	ri	DECEME	LK	19_84_	NPDES # AL0022080
PAR	AM	FLOW	0&G	TSS	
AVG		-	15	30	
MAX	(20	100	
UNI	TS	MGD	MG/L	MG/L	
FRE	Q	1/WK	1/WK	1/WK	
	1				
	2				
	3				
	4	NO FLOW			
	5				
	6				
	7				
	8				
	9				
	10				
	11	0.011	<5.0	5.5	
	12				
	13				
	14				5 20.00 In 1982 Carrier Street
DATE	16				
DA	17				
	THE REAL PROPERTY.	NO FLOW			
	19	NO PLOW		Control of the Control	
	20				
	21				
	22		DE NO.		
	23	lem	SI TENE		
	24				
	25	NO FLOW			
	26				
	27	NAME AND ADDRESS OF THE OWNER, OF PERSONS ASSESSED.			
	28				
	29	-			
	30				
	31				
M	AX	0.011			
A١	JG.	0.003	(5.0	5.5	

I certify under penalty of law that this document and all atachments marepud under the direction or supervision a accordance with a system designed to assure that qualified prsomel programmed evaluate the information scommen Based on my inquiry of the person or persons who manage the system. One persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and the accurate, and complete. I am evare the there are significant penalties for submitting false information including lessilly of fine and imprisonment for knowing violations.

S	ignatur	e of	Responsible	Official
	Form	40.00		

DSN 108: UNIT 1 AND 2 DIESEL

Tennessee Valley Authority Browns Ferry Nuclear Plant

GENERATOR BUILDING SUMP Athens, Alabama 35611

NON'	TH _	DECEM	BER	19_84			NPDES	# AL0022	080
PA	RAM	FLOW	O&G	TSS					
A	VG	-	15	30				Heatel	
M/	XX.		20	100					
UN	ITS	MGD	MG/L	MG/L					
FR	EQ	1/WK	1/WK	1/WK					
	1	27 111	27 111	1/ #K					
	2								
	3		or that was				Televille		
	4	NO FLOW							
	5								
	6								
	7			Marie La Maria					A STATE OF
	8								
	9								
	10								
	11	NO FLOW							
	12								
	13								
	14								
[L]	15								Maria C
DATE	16								
-	17								
	18								
	19								
	20					E Halle H			
	21	NO FLOW	10000		The state of the same				
	22			Land In the Co	Market G. A.			E de la constante de la consta	
	23								
	24								
	25		337						
	26								
	27								
	28	NO FLOW							
	29			THE STATE OF THE S					
	30								
	31								
MA	X							T	
AV	10	NO FLOW							

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Signature of Responsible Official	Date.	
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Tennessee Valley Authority

DSN 109: UNIT 3 DIESEL GENERATOR

BUILDING SUMP

Browns Ferry Nuclear Plant Athens Alahama

PA	RAM	FLOW	0&G	TSS			to Covin		1	T	S # AL00	T	T
AVG		75	15	30				+	-	-	-	+	-
MAX			20					+		+	-	-	
UNITS				100			-	-					
-		MGD	MG/L	MG/L		1							
FR	EQ	1/WK	1/WK	1/WK	- 10								
	1	-								1	-	-	-
	2	-							1	_	1	-	-
	3	+									1	+	-
	4	A A C 11										+	+
	5				F1457	134						+	+
	6										1	-	+-
	7						The same				1	+	+
	8											1	+
	9				100								-
Н	10										-	+	+
	11	NO FLOW			No. of		l Yelei					-	+
	12								Jeway V			1	+
	13						1.00				1	1	1
4	14		-									-	+
2	15							1					-
DATE	16					1478					1	-	-
	17											-	-
1	18												-
	19					Total C					—		-
	20												-
ŀ	21	NO FLOW						I Table					-
1	22								-				-
	23												
	24												
	25												
-	26												
	27												
	28	NO FLOW											
	29							LT-WAS I			20-110		
-	30												
	31							to produce					
AX	_					463461	No.						
VG	N	IO FLOW											

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

	31	gnatur	e of	Responsible	Official	83
ADE	M	Form	43	3/84		П

Tennessee Valley Authority

DSN 110: UNITS 1 AND 2 OFFICE

BUILDING DRAIN

Browns Ferry Nuclear Plant Athens, Alabama 35611

PAF	RAM	FLOW	0&G	TSS								
AVG		-	15	30								
MAX		_	20	100						 	1	1
UNI		MGD	MG/L	MG/L						-	-	-
FR							+	-				-
rk	1	1/WK	1/WK	1/WK						-		
	2		5					1				
	3											
	4	NO FLOW		Reduced to		1 7 1 1 1	1711					1
	5	NO 1 LOW										
	6							1				-
	7				and the first		1 1 1			—		
	8											
	9								1			
	10											
		NO FLOW						1			-	-
	12	NO PLOW										
	13							_	1			
	14							+	-	-		
	15							+	-			
DATE	16							-				
DA	17						+	-				
	18							-				
	19							-				
	20						_	-				
		NO FLOW						-				170,144
	22	NO FLOW						-				
	23						-	-				No. 10
	24							-				
	25							-				
	26											
	27											
		NO FLOW					-					
11/	29	NO FLOW										
	30							-				
	31	75-4-33	E 6									
MA				T			T					
AV	_	NO FLOW										

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Signature of Responsible Official	Date
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Tennessee Valley Authority

DSN 111: SEWAGE TREATMENT PLANT

Browns Ferry Nuclear Plant Athens, Alabama 35611

MON	тн _	DECEM	BER	19	84					NPDES	# AL002	2080	
PAI	RAM	FLOW	BOD	TSS				1	T	I		T	T
A	/G	-	30	30									1
MA	X		45	45									1
UNI	ITS	MGD	MG/L	MG/L						1996			+
FR	EQ	5/WK	1/WK	1/WK					11-0-				+
DATE	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	NO FLOW											
	25 · 26	NO FLOW											
	27												-
	28												
	29				Cons.								
	30		Man Maria	COLUMN TO	0.6				DISCOURAGE !				
	31				9 - 9 - 9	4.4	60 4						-
MA		T	一寸					-	1				
AV					-								
AVI	-	NO FLOW		law that this									

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Signature of Responsible Official	Date.
ADEM Form 43 3/84	Date.