

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)			
AL0022080		001			
PERMIT NUMBER		DISCHARGE NUMBER			
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MULTIPLE MODE CONDENSER  
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT		1901	MGD					0	CONT	REC OR P LOG	
	PERMIT REQUIREMENT	NA	NA							CONT	REC OR P LOG	
TEMPERATURE INTAKE/DISCHARGE	SAMPLE MEASUREMENT		69.6/99.4	°F					0	30/30	REC OR P LOG	
	PERMIT REQUIREMENT	NA	NA							CONT	REC	
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		3.8	°F					0	30/30	REC	
	PERMIT REQUIREMENT	NA	5.0							CONT	TAPE REC	
DOWNSTREAM RESERVOIR TEMPERATURE	SAMPLE MEASUREMENT		67.4	°F					0	30/30	REC	
	PERMIT REQUIREMENT	NA	90.0*							CONT	TAPE REC	
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 1	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR	
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 2	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR	
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 3	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1312. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				Original signed by Martin E. Rivers			TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			FTS AREA CODE	856-6601	84	07	28
TYPED OR PRINTED								NUMBER		YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

\*BASED ON A JULY 15, 1979, LETTER FROM JOHN ALEC LITTLE, EPA, TO HERBERT S. SANGER, TVA.

8408060098 840430  
PDR ADOCK 05000259  
R PDR

BE USED  
USTED

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

PAGE 1 OF 54

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

(2-16)  
 A1.0022080  
 PERMIT NUMBER

(17-19)  
 001  
 DISCHARGE NUMBER

MULTIPLE MODE CONDENSER  
 COOLING WATER

FACILITY BROWN'S FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 84	04	01	TO 84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37).	<div></div>	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 1	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR	
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 2	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR	
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 3	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR	
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 1	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR	
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 2	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR	
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 3	SAMPLE MEASUREMENT					NO CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR	
pH	SAMPLE MEASUREMENT				7.5		8.0	UNITS	0	12/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		FTS	NUMBER	YEAR	MO	DAY
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		856-6601	84	07	28	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		003	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

RESIDUAL HEAT REMOVAL SERVICE WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(5 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD						
	PERMIT REQUIREMENT	NA	NA							1/7	EST
TEMPERATURE	SAMPLE MEASUREMENT			°F							
	PERMIT REQUIREMENT	NA	NA							1/1	GR
TOTAL CHLORINE	SAMPLE MEASUREMENT							MG/L			
	PERMIT REQUIREMENT				NA	NA	0.8			1/7	MULT GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601 NUMBER	84 YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRainerd ROAD  
CHATTANOOGA, TN 37421  
 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

## DISCHARGE MONITORING REPORT (DMR)

(2-16)	(17-19)
AL0022080	005
PERMIT NUMBER	DISCHARGE NUMBER

SEDIMENTATION POND

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	04	01		84	04	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE									
	PERMIT REQUIREMENT	NA	NA	MGD						1/ DISCH	GR
OIL AND GREASE	SAMPLE MEASUREMENT							MG/L			
	PERMIT REQUIREMENT									1/ DISCH	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				NA	15	20				
	PERMIT REQUIREMENT							MG/L		1/ DISCH	GR
pH	SAMPLE MEASUREMENT				NA	30	100				
	PERMIT REQUIREMENT							UNITS		1/ DISCH	GR
	SAMPLE MEASUREMENT				6.0		9.0				
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF						
TYPED OR PRINTED						
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO	28 DAY



NAME 1 TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)  
AL0022080  
PERMIT NUMBER

(17-19)  
006  
DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	TO	84	04 30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.023 *	0.051	MGD					0	30/30	REC
	PERMIT REQUIREMENT	NA	NA							1/7	GR
BOD <sub>5</sub> INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				150/7.4	205/47	230/84	MG/L	2	4/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
BOD <sub>5</sub> PERCENT REMOVAL	SAMPLE MEASUREMENT	63		PERCENT					0		
	PERMIT REQUIREMENT	85									
SUSPENDED SOLIDS INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				95/35	196/490	260/1800	MG/L	3	4/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
SUSPENDED SOLIDS PERCENT REMOVAL	SAMPLE MEASUREMENT	0		PERCENT					0		
	PERMIT REQUIREMENT	85									
FECAL COLIFORM	SAMPLE MEASUREMENT						13200	N/100 ML	1	1/30	GR
	PERMIT REQUIREMENT				NA	200	400			1/90	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L	0	30/30	GR
	PERMIT REQUIREMENT				NA	1.0	1.0			1/1	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601	84
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

A NOTIFICATION OF NONCOMPLIANCE WAS SUBMITTED ON MAY 17. ANOTHER NON IS BEING PREPARED AND WILL BE FORWARDED AS SOON AS POSSIBLE  
\*THE FLOW TOTALIZER IS BELIEVED TO BE INACCURATE DURING ONE WEEK, THEREFORE FLOW WAS AVERAGED.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

AL0022080

PERMIT NUMBER

006

DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

## MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TOTAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT				0.0	2.0	10	MG/L	0	30/30	GR
	PERMIT REQUIREMENT				NA	NA	NA			1/1	GR
pH	SAMPLE MEASUREMENT				6.4		7.6	UNITS	0	30/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601	84
TYPED OR PRINTED							NUMBER		YEAR MO DAY		
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

AL0022080  
 PERMIT NUMBER

007  
 DISCHARGE NUMBER

RADWASTE SYSTEM

OMB No. 2040-0004  
 Expires 2-29-84

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<7.0	18	MG/L	0	17 BATCHES GR
	PERMIT REQUIREMENT				NA	15	20		1/BATCH	
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				<1.0	<8.9	38	MG/L	0	17 BATCHES GR
	PERMIT REQUIREMENT				NA	30	100		1/BATCH	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

 (2-16)  
 AL0022080  
 PERMIT NUMBER

 (17-19)  
 008  
 DISCHARGE NUMBER

STATION SUMP NO. 1

 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

 MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
 84 04 01 84 04 30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.112	0.124	MGD				0	10/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.7	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<5.2	5.4	LBS/DAY	<5.0	<5.0	5.2	0	9/30	GR
	PERMIT REQUIREMENT	73	170			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	22	35	LBS/DAY	11	22	34	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100		2/7	3-GR COMP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE				
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601	84	07	28
TYPED OR PRINTED					NUMBER		YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON ONE OF THE REQUIRED MONITORING DAYS.



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

009  
DISCHARGE NUMBER

STATION SUMP NO. 2

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.020	0.040	MGD					0	12/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.7	UNITS	0	5/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.73	1.0	LBS/DAY	<5.0	<5.1	6.2	MG/L	0	12/30	GR
	PERMIT REQUIREMENT	73	170			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	2.6	6.2	LBS/DAY	7.8	17	39	MG/L	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100			2/7	3-GR COMP
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE  
856-6601  
AREA CODE NUMBER

DATE  
84 07 28  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

(2-16) AL0022080  
 PERMIT NUMBER  
 (17-19) 010  
 DISCHARGE NUMBER

STATION SUMP NO. 3

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.026	0.032	MGD					0	10/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
pH	SAMPLE MEASUREMENT				6.6		7.8	UNITS	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<3.7	15	LBS/DAY	<5.0	<14	55	MG/L	1	8/30	GR
	PERMIT REQUIREMENT	73	170			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	13	38	LBS/DAY	17	48	143	MG/L	1	8/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100			2/7	3-GR COMP
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		15	LBS/DAY			57		0	1/30	GR
	PERMIT REQUIREMENT	150	840			30	100				GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 MARTIN E. RIVERS, DIRECTOR  
 OF ENVIRONMENTAL QUALITY  
 STAFF  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 FTS 856-6601  
 AREA CODE NUMBER  
 DATE  
 84 07 28  
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

A NOTIFICATION OF NONCOMPLIANCE WAS SUBMITTED ON MAY 17, 1984.  
 THERE WAS NO DISCHARGE ON ONE OF THE REQUIRED MONITORING DAYS.

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

 (2-16) AL0022080  
 PERMIT NUMBER  
 (17-19) 011  
 DISCHARGE NUMBER

CCW PUMP STATION

 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

 MONITORING PERIOD  
 FROM 

YEAR	MO	DAY
84	04	01

 (20-21) (22-23) (24-25) TO 

YEAR	MO	DAY
84	04	30

 (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.032	0.043	MGD				0	8/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<1.5	2.3	LBS/DAY	<5.0	<5.6	9.8	0	8/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	2.1	4.6	LBS/DAY	3.1	7.9	19	0	8/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.3		7.8	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601 NUMBER	84 YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Facility Name/Location if different

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

012  
DISCHARGE NUMBER

CONDENSER TUBE PULLING AREA SUMP

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	TO	84	04 30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.0011	0.0013	MGD					0	7/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.05	0.05	LBS/DAY	<5.0	<5.4	8.0	MG/L	0	7/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.08	0.18	LBS/DAY	2.2	8.2	18	MG/L	0	7/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.0		7.4	UNITS	0	7/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07 28
TYPED OR PRINTED			NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



Facility, Name/Location if different

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

013  
DISCHARGE NUMBER

OFFICE BUILDING DRAIN

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0001	0.0005	MGD				0	8/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.03	0.04	LBS/DAY	<5.0	<7.5	10	0	2/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.05	0.09	LBS/DAY	7.8	15	21	0	2/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				6.7		7.0	0	2/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
AREA  
CODE

856-6601

84

07

28

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON SIX OF THE REQUIRED MONITORING DAYS.

DISCHARGE MONITORING REPORT (DMR)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
 PERMIT NUMBER

014  
 DISCHARGE NUMBER

CONTROL BUILDING DRAINS

FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0003	0.0021	MGD				0	8/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT		<0.09	LBS/DAY			<5.0	0	1/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.41	LBS/DAY			24	0	1/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.5	0	1/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO	28 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON SEVEN OF THE REQUIRED MONITORING DAYS.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)  
AL0022080  
PERMIT NUMBER

(17-19)  
015  
DISCHARGE NUMBER

DIESEL GENERATION BUILDING  
SUMP NOS. 1 AND 2

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	04	01		84	04	30
(120-21)	(122-23)	(124-25)		(126-27)	(128-29)	(130-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD					
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY						
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY						
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

 ALO022080  
 PERMIT NUMBER

 016  
 DISCHARGE NUMBER

 DIESEL GENERATION BUILDING  
 SUMP NO. 3

 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.00004	0.00030	MGD				0	8/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY		*				
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY		*				
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT					*				
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

 MARTIN E. RIVERS, DIRECTOR  
 OF ENVIRONMENTAL QUALITY  
 STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE (18 USC § 1001 AND 33 USC § 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

 FTS  
 AREA  
 CODE

856-6601

 84 07 28  
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

 THERE WAS NO DISCHARGE ON SEVEN OF THE REQUIRED MONITORING DAYS.  
 \*SAMPLES WERE INADVERTENTLY NOT COLLECTED.



Facility Name/Address (Include  
Facility Name/Location if different)  
NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

AL0022080  
PERMIT NUMBER017  
DISCHARGE NUMBER

HYPOCHLORINATION BUILDING DRAINS

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(120-21)	(122-23)	(124-25)	(126-27)	(128-29)	(130-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE		MGD							
	PERMIT REQUIREMENT	NA	NA								
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY					2/7	GR	
	PERMIT REQUIREMENT	18.8	50.1			15	20				
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY					2/7	GR	
	PERMIT REQUIREMENT	37.6	250			30	100				
pH	SAMPLE MEASUREMENT								2/7	GR	
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE			
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				ETS AREA CODE	856-6601	84	07	28	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

018  
DISCHARGE NUMBER

CONSTRUCTION RUNOFF

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	04	01	84	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.45	1.33	MGD					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA							1/30	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				4.5	21	39	MG/L	0	4/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
pH	SAMPLE MEASUREMENT				7.5		8.6	UNITS	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE  
DATE  
FTS 856-6601 84 07 28  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERY ROAD  
 CHATTANOOGA, TN 37421

 (2-16) AL0022080  
 PERMIT NUMBER  
 (17-19) 001  
 DISCHARGE NUMBER

 MULTIPLE MODE CONDENSER  
 COOLING WATER

 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

 MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
 (20-21) 84 05 01 (22-23) 84 05 31  
 (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT		1901	MGD					0	CONT	REC OR P LOG
	PERMIT REQUIREMENT	NA	NA							CONT	REC OR P LOG
TEMPERATURE INTAKE/DISCHARGE	SAMPLE MEASUREMENT		77.4/99.9	°F					0	CONT	REC OR P LOG
	PERMIT REQUIREMENT	NA	NA							CONT	REC OR P LOG
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		2.8	°F					0	CONT	TAPE REC
	PERMIT REQUIREMENT	NA	5.0							CONT	TAPE REC
DOWNSTREAM RESERVOIR TEMPERATURE	SAMPLE MEASUREMENT		76.2	°F					0	CONT	TAPE REC
	PERMIT REQUIREMENT	NA	90.0*							CONT	TAPE REC
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 1	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 2	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 3	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L				
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7		MULT GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE	
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

\*BASED ON A JULY 15, 1979, LETTER FROM JOHN ALEC LITTLE, EPA, TO HERBERT S. SANGER, TVA.



Facility Name (Location if different)

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

Form Approved  
OMB No. 2000-0015

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080

PERMIT NUMBER

001

DISCHARGE NUMBER

MULTIPLE MODE CONDENSER  
COOLING WATER

MONITORING PERIOD

FROM  
YEAR MO DAY YEAR MO DAY  
84 05 01 84 05 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 1	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L			
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 2	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L			
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 3	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L			
	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 1	SAMPLE MEASUREMENT					0.34/0.40	0.59/0.78	MG/L	0 16/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 2	SAMPLE MEASUREMENT					0.15/0.21	0.31/0.48	MG/L	0 16/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 3	SAMPLE MEASUREMENT					0.49/0.60	1.2 /1.4	MG/L	1 16/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8		1/7	GR
pH	SAMPLE MEASUREMENT				7.4		8.0	UNITS	0 15/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS 856-6601 84 07 28  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
A NOTIFICATION OF NONCOMPLIANCE WAS SUBMITTED JUNE 26, 1984. THE AUXILIARY RAW COOLING WATER AND EMERGENCY EQUIPMENT COOLING WATER FOR OUTFALL SERIAL NUMBER 001 ARE CHLORINATED FROM A COMMON HEADER. THESE SYSTEMS DISCHARGE UNIT SPECIFIC TO THE PLANT DIFFUSER. SINCE THESE SYSTEMS HAVE A COMMON CHLORINATION INJECTION POINT WE HAVE AVERAGED ALL THREE UNITS TO REPORT AS ONE SAMPLE VALUE.



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		003	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

RESIDUAL HEAT REMOVAL SERVICE WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53)			(4 Card Only) (38-45)				(46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD										
	PERMIT REQUIREMENT	NA	NA										1/7	EST	
TEMPERATURE	SAMPLE MEASUREMENT				°F										
	PERMIT REQUIREMENT	NA	NA										1/1	GR	
TOTAL CHLORINE	SAMPLE MEASUREMENT										MG/L				
	PERMIT REQUIREMENT				NA	NA	0.8						1/7	MULT GR	
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080  
PERMIT NUMBER  
(17-19) 005  
DISCHARGE NUMBER

SEDIMENTATION POND

MONITORING PERIOD  
FROM  
YEAR MO DAY  
84 05 01  
(20-21) (22-23) (24-25)  
TO  
YEAR MO DAY  
84 05 31  
(26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD						
	PERMIT REQUIREMENT	NA	NA							1/ DISCH	GR
OIL AND GREASE	SAMPLE MEASUREMENT							MG/L			
	PERMIT REQUIREMENT				NA	15	20			1/ DISCH	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT							MG/L			
	PERMIT REQUIREMENT				NA	30	100			1/ DISCH	GR
pH	SAMPLE MEASUREMENT							UNITS			
	PERMIT REQUIREMENT				6.0		9.0			1/ DISCH	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

ETS  
AREA  
CODE

856-6601  
NUMBER

84 07 28  
YEAR MO DAY

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS PERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		006	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
84	05	01	84
(20-21)	(22-23)	(24-25)	(26-27)

SEWAGE TREATMENT PLANT

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.045	0.066	MGD					0	31/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
BOD <sub>5</sub> INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				140/20	202/32	260/72	MG/L	1	4/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
BOD <sub>5</sub> PERCENT REMOVAL	SAMPLE MEASUREMENT	72		PERCENT					0		
	PERMIT REQUIREMENT	85									
SUSPENDED SOLIDS INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				180/23	282/50	380/120	MG/L	2	5/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
SUSPENDED SOLIDS PERCENT REMOVAL	SAMPLE MEASUREMENT	68		PERCENT					0		
	PERMIT REQUIREMENT	85									
FECAL COLIFORM	SAMPLE MEASUREMENT					*		N/100 ML			
	PERMIT REQUIREMENT				NA	200	400			1/90	GR
SETTLEABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	0.2	ML/L	0	31/30	GR
	PERMIT REQUIREMENT				NA	1.0	1.0			1/1	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1601 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF							856-6601		84 07 28		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					FTS AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NOTIFICATIONS OF NONCOMPLIANCE WERE SUBMITTED ON JUNE 14, 1984.  
\*QUARTERLY SAMPLE COLLECTED IN APRIL.

PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

006  
DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TOTAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT				0.0	1.9	2.7	MG/L	0	31/30	GR
	PERMIT REQUIREMENT				NA	NA	NA			1/1	GR
pH	SAMPLE MEASUREMENT				6.4		7.6	UNITS	0	31/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED  
AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED  
ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR  
OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION  
IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIG-  
NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING  
THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND  
33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000  
and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
AREA  
CODE

856-6601  
NUMBER

84 07 28  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080		(17-19) 007	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(10-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

RADWASTE SYSTEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<7.5	20	MG/L	0	20 BATCHES	GR
	PERMIT REQUIREMENT				NA	15	20			1/BATCH	
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				<1.0	<8.9	42	MG/L	0	20 BATCHES	GR
	PERMIT REQUIREMENT				NA	30	100			1/BATCH	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Facility Name/Location (if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

008  
DISCHARGE NUMBER

STATION SUMP NO. 1

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD								
YEAR			MO			DAY		
FROM	84	05	01	TO	84	05	31	
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.124	0.124	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
pH	SAMPLE MEASUREMENT				6.6		7.6	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<6.0	13	LBS/DAY	<5.0	<5.8	12	0	9/30	GR
	PERMIT REQUIREMENT	73	170			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	32	63	LBS/DAY	15	31	61	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100		2/7	3-GR COMP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		009	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

STATION SUMP NO. 2

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.019	0.019	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
pH	SAMPLE MEASUREMENT				7.2		7.4	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.80	0.86	LBS/DAY	<5.0	<5.1	5.4	0	9/30	GR
	PERMIT REQUIREMENT	73	170			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	3.6	6.3	LBS/DAY	10	23	40	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100		2/7	3-GR COMP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

(2-16)	(17-19)
AL0022080	010
PERMIT NUMBER	DISCHARGE NUMBER

STATION SUMP NO. 3

MONITORING PERIOD							
YEAR			MO				
DAY			DAY				
FROM	84	05	01	TO	84	05	31
	(10-21)	(12-23)	(12-25)		(12-27)	(12-29)	(10-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.032	0.032	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
pH	SAMPLE MEASUREMENT				6.2		7.4	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<2.3	5.3	LBS/DAY	<5.0	<8.5	20	0	9/30	GR
	PERMIT REQUIREMENT	73	170			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	12	23	LBS/DAY	21	46	87	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100		2/7	3-GR COMP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
AREA  
CODE

856-6601  
NUMBER

84 07 28  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

(2-16) AL0022080  
PERMIT NUMBER  
(17-19) 011  
DISCHARGE NUMBER

CCW PUMP STATION

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD  
FROM 

YEAR	MO	DAY
84	05	01

 TO 

YEAR	MO	DAY
84	05	31

  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.034	0.043	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<1.4	<1.8	LBS/DAY	<5.0	<5.0	<5.0	0	9/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	8.1	15	LBS/DAY	2.1	27	46	0	9/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.7		7.9	0	7/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

DISCHARGE MONITORING REPORT (DMR)	
(2-16)	(17-19)
AL0022080	012
PERMIT NUMBER	DISCHARGE NUMBER

CONDENSER TUBE PULLING AREA SUMP

OMB No. 2040-0004  
Expires 2-29-84

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	05	01		84	05	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.0011	0.0014	MGD					0	5/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.04	<0.05	LBS/DAY	<5.0	<5.0	<5.0	MG/L	0	5/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.03	0.07	LBS/DAY	2.4	5.0	6.5	MG/L	0	5/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.1		8.0	UNITS	0	5/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS	856-6601	84	07	28
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WERE ONLY FIVE BATCHES RELEASED THIS MONTH.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

013  
DISCHARGE NUMBER

OFFICE BUILDING DRAIN

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY  
84 05 01 84 05 31  
(10-11) (12-11) (14-15) (16-17) (18-19) (10-11)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0001	0.0005	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT		0.04	LBS/DAY			10	0	1/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.11	LBS/DAY			26	0	1/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				6.6		6.6	0	1/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

ETS  
AREA  
CODE

856-6601

84 07 28

DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON EIGHT OF THE REQUIRED MONITORING DAYS.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

014  
DISCHARGE NUMBER

CONTROL BUILDING DRAINS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.0006	0.0024	MGD					0	8/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.10	<0.10	LBS/DAY	<5.0	<5.0	<5.0	MG/L	0	2/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.64	0.70	LBS/DAY	29	32	35	MG/L	0	2/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.6		7.7	UNITS	0	2/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE			
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601	84	07
TYPED OR PRINTED							

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON SIX OF THE REQUIRED MONITORING DAYS.



PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

015  
DISCHARGE NUMBER

DIESEL GENERATION BUILDING  
SUMP NOS. 1 AND 2

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD					
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY						
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY						
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
AREA  
CODE

856-6601

84 07 28  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)  
AL0022080  
PERMIT NUMBER

(17-19)  
016  
DISCHARGE NUMBER

DIESEL GENERATION BUILDING  
SUMP NO. 3

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0007	0.0053	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.13	<0.22	LBS/DAY	<5.0	<5.0	<5.0	0	2/30	GR
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.46	0.65	LBS/DAY	15	22	30	0	2/30	GR
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.1		7.2	0	2/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			FTS AREA CODE	NUMBER	YEAR	MO	DAY
				856-6601	84	07	28

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
  
THERE WAS NO DISCHARGE ON SEVEN OF THE REQUIRED MONITORING DAYS.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)  
AL0022080  
PERMIT NUMBER

(17-19)  
017  
DISCHARGE NUMBER

HYPOCHLORINATION BUILDING DRAINS

MONITORING PERIOD									
YEAR			MO	DAY	YEAR			MO	DAY
FROM	84	05	01		TO	84	05	31	
	(20-21)	(22-23)	(24-25)			(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (52-53)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE		MGD							
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY				MG/L			
	PERMIT REQUIREMENT	18.8	50.1			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY				MG/L			
	PERMIT REQUIREMENT	37.6	250			30	100			2/7	GR
pH	SAMPLE MEASUREMENT							UNITS			
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO	28 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

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

Form Approved  
OMB No. 2040-0004  
Expires 2-29-84

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080  
PERMIT NUMBER  
(17-19) 018  
DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD  
FROM YEAR 84 MO 05 DAY 01 TO YEAR 84 MO 05 DAY 31  
(10-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(5 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNIT (54-61)	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	0.79	1.88	MGD					0	5/30	GR
	PERMIT REQUIREMENT	NA	NA							1/30	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				7.7	21	40	MG/L	0	5/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
pH	SAMPLE MEASUREMENT				7.4		7.8	UNITS	0	5/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS 856-6601 84 07 28  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

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

OMB No. 2000-0015

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

(2-16)  
AL0022080  
PERMIT NUMBER

(17-19)  
001  
DISCHARGE NUMBER

MULTIPLE MODE CONDENSER  
COOLING WATER

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 84	06	01	TO 84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
FLOW	SAMPLE MEASUREMENT		2534	MGD				0	CONT	REC OR P LOG		
	PERMIT REQUIREMENT	NA	NA						CONT	REC OR P LOG		
TEMPERATURE INTAKE/DISCHARGE	SAMPLE MEASUREMENT		85.5/106.9	°F				0	22/30**	P LOG		
	PERMIT REQUIREMENT	NA	NA						CONT	REC		
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		4.6	°F				0	CONT	TAPE REC		
	PERMIT REQUIREMENT	NA	5.0						CONT	TAPE REC		
DOWNSTREAM RESERVOIR TEMPERATURE	SAMPLE MEASUREMENT		85.9	°F				0	CONT	TAPE REC		
	PERMIT REQUIREMENT	NA	90.0*						CONT	TAPE REC		
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 1	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7	MULT GR		
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 2	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7	MULT GR		
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/ TOTAL UNIT 3	SAMPLE MEASUREMENT					NOT CHLORINATING	MG/L					
	PERMIT REQUIREMENT				NA	0.2/NA	0.5/NA		1/7	MULT GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601 NUMBER	84 YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

\*BASED ON A JULY 15, 1979, LETTER FROM JOHN ALEC LITTLE, EPA, TO HERBERT S. SANGER, TVA.

\*\*DATA NOT AVAILABLE DUE TO COMPUTER MALFUNCTION EIGHT DAYS THIS REPORTING PERIOD.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		001	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
84	06	01	84
(20-21)	(22-23)	(24-25)	(26-27)
FROM		TO	
		06 30	
		(28-29) (30-31)	

MULTIPLE MODE CONDENSER  
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 1	SAMPLE MEASUREMENT					0.38/0.73	0.49/0.75	MG/L	0	8/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.5/NA			1/7	GR
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 2	SAMPLE MEASUREMENT					0.39/0.64	0.51/0.76	MG/L	0	8/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.5/NA			1/7	GR
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 3	SAMPLE MEASUREMENT					0.32/0.61	0.39/0.62	MG/L	0	8/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.5/NA			1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 1	SAMPLE MEASUREMENT					0.35/0.57	0.74/0.79	MG/L	0	60/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8			1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 2	SAMPLE MEASUREMENT					0.35/0.51	0.72/0.78	MG/L	0	60/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8			1/7	GR
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 3	SAMPLE MEASUREMENT					0.46/0.70	0.75/0.89	MG/L	0	60/30	MULT GR
	PERMIT REQUIREMENT				NA	NA	0.8			1/7	GR
pH	SAMPLE MEASUREMENT				7.4		8.3	UNITS	0	10/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		856-6601		84	07	28
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
THE AUXILIARY RAW COOLING WATER AND EMERGENCY EQUIPMENT COOLING WATER FOR OUTFALL SERIAL NUMBER 001 ARE CHLORINATED FROM A COMMON HEADER. THESE SYSTEMS DISCHARGE UNIT SPECIFIC TO THE PLANT DIFFUSER. SINCE THESE SYSTEMS HAVE A COMMON CHLORINATION INJECTION POINT WE HAVE AVERAGED ALL THREE UNITS TO REPORT AS ONE SAMPLE VALUE.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

OMB No. 2000-0015

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

(12-16) AL0022080  
PERMIT NUMBER  
(17-19) 003  
DISCHARGE NUMBER

RESIDUAL HEAT REMOVAL SERVICE WATER

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD  
FROM 

YEAR	MO	DAY
84	06	01

 TO 

YEAR	MO	DAY
84	06	30

  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT		24.5	MGD					0	2/30	EST
	PERMIT REQUIREMENT	NA	NA							1/7	EST
TEMPERATURE	SAMPLE MEASUREMENT		175	°F					0	5/30	GR
	PERMIT REQUIREMENT	NA	NA							1/1	GR
TOTAL CHLORINE	SAMPLE MEASUREMENT				NOT CHLORINATING			MG/L			
	PERMIT REQUIREMENT				NA	NA	0.8			1/7	MULT GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS | 856-6601 | 84 | 07 | 28  
AREA CODE | NUMBER | YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE TWENTY-FIVE DAYS THIS REPORTING PERIOD.

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

AL0022080

005

PERMIT NUMBER

DISCHARGE NUMBER

SEDIMENTATION POND

FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MCD					
	PERMIT REQUIREMENT	NA	NA						1/ DISCH	GR
OIL AND GREASE	SAMPLE MEASUREMENT							MG/L		
	PERMIT REQUIREMENT				NA	15	20		1/ DISCH	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT							MG/L		
	PERMIT REQUIREMENT				NA	30	100		1/ DISCH	GR
pH	SAMPLE MEASUREMENT							UNITS		
	PERMIT REQUIREMENT				6.0		9.0		1/ DISCH	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
 OF ENVIRONMENTAL QUALITY  
 STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
 AREA  
 CODE

856-6601  
 NUMBER

84 07 28  
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080		006	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

SEWAGE TREATMENT PLANT

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.031	0.060	MGD					0	29/30	REC
	PERMIT REQUIREMENT	NA	NA							1/7	GR
BOD <sub>5</sub> INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				110/16	375/114	1000/230	MG/L	3	4/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
BOD <sub>5</sub> PERCENT REMOVAL	SAMPLE MEASUREMENT	77		PERCENT					0		
	PERMIT REQUIREMENT	85									
SUSPENDED SOLIDS INFLUENT/EFFLUENT	SAMPLE MEASUREMENT				240/16	1122/191	2200/540	MG/L	3	4/30	GR
	PERMIT REQUIREMENT				NA	-/30	-/45			1/30	GR
SUSPENDED SOLIDS PERCENT REMOVAL	SAMPLE MEASUREMENT	75		PERCENT					0		
	PERMIT REQUIREMENT	85									
FECAL COLIFORM	SAMPLE MEASUREMENT							N/100 ML		*	
	PERMIT REQUIREMENT				NA	200	400			1/90	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L	0	29/30	GR
	PERMIT REQUIREMENT				NA	1.0	1.0			1/1	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	856-6601	84
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
NOTIFICATIONS OF NONCOMPLIANCE WERE SUBMITTED ON JULY 18, 1984.  
\*QUARTERLY SAMPLE WAS COLLECTED IN APRIL.

PERMITTEE NAME/ADDRESS  
Facility Name (Location if different)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

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

(2-16) AL0022080  
PERMIT NUMBER  
(17-19) 006  
DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

OMB No. 2040-0004  
Expires 2-29-84

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 84	06	01	TO 84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	<div></div>	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (58-63) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TOTAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.2	2.1	2.8	MG/L	0	29/30	GR
	PERMIT REQUIREMENT				NA	NA	NA			1/1	GR
pH	SAMPLE MEASUREMENT				7.0		7.7	UNITS	0	29/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE				
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07	28
TYPED OR PRINTED							

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080			007		
PERMIT NUMBER			DISCHARGE NUMBER		

  

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

RADWASTE SYSTEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<6.7	13	0	18	BATCHES GR
	PERMIT REQUIREMENT				NA	15	20		1/ BATCH	
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				<1.0	<7.9	20	0	18	BATCHES GR
	PERMIT REQUIREMENT				NA	30	100		1/ BATCH	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16)		(17-19)	
AL0022080		008	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
84	06	01	84
(20-21)	(22-23)	(24-25)	(26-27)
FROM		TO	
84 06 01		84 06 30	
(20-21)		(26-27)	

STATION SUMP NO. 1

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.124	0.124	MGD					0	8/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.5	UNITS	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<6.4	15	LBS/DAY	<5.0	<6.2	15	MG/L	0	8/30	GR
	PERMIT REQUIREMENT	73	170			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	13	23	LBS/DAY	8.3	13	23	MG/L	0	8/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100			2/7	3-GR COMP
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

009  
DISCHARGE NUMBER

STATION SUMP NO. 2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.019	0.019	MGD					0	8/30	GR
	PERMIT REQUIREMENT	NA	NA								
pH	SAMPLE MEASUREMENT				7.4		7.5	UNITS	0	2/7	GR
	PERMIT REQUIREMENT								0	4/30	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.93	1.7	LBS/DAY	<5.0	<5.8	11	MG/L	0	8/30	GR
	PERMIT REQUIREMENT	73	170			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	1.7	2.9	LBS/DAY	6.0	11	19	MG/L	0	8/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100			2/7	3-GR COMP
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS  
AREA  
CODE

856-6601  
NUMBER

84 07 28  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080		(17-19) 010	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
84	06	01	84
(20-21)	(22-23)	(24-25)	(26-27)
FROM		TO	

STATION SUMP NO. 3

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.032	0.032	MGD				0	8/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
pH	SAMPLE MEASUREMENT				7.1		7.7	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<1.9	3.6	LBS/DAY	<5.0	<7.1	13	0	8/30	GR
	PERMIT REQUIREMENT	73	170			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	7.0	16	LBS/DAY	8.7	26	62	0	8/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100		2/7	3-GR COMP
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
 ADDRESS 6411 EAST BRAINEED ROAD  
CHATTANOOGA, TN 37421  
 FACILITY BROWNS FERRY NUCLEAR PLANT  
 LOCATION ATHENS, AL 35611

 AL0022080  
 PERMIT NUMBER

 011  
 DISCHARGE NUMBER

CCW PUMP STATION

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	<div></div>	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
FLOW	SAMPLE MEASUREMENT	0.036	0.043	MGD					0	9/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<1.6	2.2	LBS/DAY	<5.0	<5.3	7.4	MG/L	0	9/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	4.4	24	LBS/DAY	2.6	14	80	MG/L	0	9/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.9	UNITS	0	8/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080		(17-19) 012	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

CONDENSER TUBE PULLING AREA SUMP

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			(5 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW	SAMPLE MEASUREMENT		0.0013	MGD						0	1/30	GR	
	PERMIT REQUIREMENT	NA	NA								2/7	GR	
OIL AND GREASE	SAMPLE MEASUREMENT		<0.06	LBS/DAY				<5.0	MG/L	0	1/30	GR	
	PERMIT REQUIREMENT	1.3	5.0			15	20				2/7	GR	
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.06	LBS/DAY				5.6	MG/L	0	1/30	GR	
	PERMIT REQUIREMENT	2.5	25.0			30	100				2/7	GR	
pH	SAMPLE MEASUREMENT				6.7			6.7	UNITS	0	1/30	GR	
	PERMIT REQUIREMENT				6.0			9.0			1/7	GR	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS ONLY ONE BATCH RELEASED THIS REPORTING PERIOD.



NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) AL0022080		(17-19) 013	
PERMIT NUMBER		DISCHARGE NUMBER	

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

OFFICE BUILDING DRAIN

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE		MGD							
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY				MG/L			
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY				MG/L			
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT							UNITS			
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT 5/18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

(2-16) **AL0022080**  
PERMIT NUMBER

(17-19) **014**  
DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

CONTROL BUILDING DRAINS

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE			MGD						
	PERMIT REQUIREMENT	NA	NA							2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT				LBS/DAY			MG/L			
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				LBS/DAY			MG/L			
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT							UNITS			
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

FTS 856-6601 84 07 28  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

AL0022080  
PERMIT NUMBER

015  
DISCHARGE NUMBER

DIESEL GENERATION BUILDING  
SUMP NOS. 1 AND 2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0003	0.0011	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT	<0.10	0.15	LBS/DAY	<5.0	<11	17	0	2/30	GR
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.35	0.54	LBS/DAY	16	37	59	0	2/30	GR
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.0		7.1	0	2/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON SEVEN OF THE REQUIRED MONITORING DAYS.

NAME TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421

AL0022080  
PERMIT NUMBER

016  
DISCHARGE NUMBER

DIESEL GENERATION BUILDING  
SUMP NO. 3

FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0001	0.0010	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT		<0.04	LBS/DAY			<5.0	0	1/30	GR
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.26	LBS/DAY			31	0	1/30	GR
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				8.3		8.3	0	1/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

THERE WAS NO DISCHARGE ON EIGHT OF THE REQUIRED MONITORING DAYS.



NAME \* TENNESSEE VALLEY AUTHORITY  
ADDRESS 6411 EAST BRAINERD ROAD  
CHATTANOOGA, TN 37421  
FACILITY BROWNS FERRY NUCLEAR PLANT  
LOCATION ATHENS, AL 35611

DISCHARGE MONITORING REPORT (DMR)

(2-16) AL0022080  
PERMIT NUMBER

(17-19) 017  
DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
84	06	01		84	06	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

HYPOCHLORINATION BUILDING DRAINS

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (34-61)			QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE		MGD						
	PERMIT REQUIREMENT	NA	NA						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT			LBS/DAY			MG/L			
	PERMIT REQUIREMENT	18.8	50.1			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT			LBS/DAY			MG/L			
	PERMIT REQUIREMENT	37.6	250			30	100		2/7	GR
pH	SAMPLE MEASUREMENT						UNITS			
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601 NUMBER	84 YEAR	07 MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME **TENNESSEE VALLEY AUTHORITY**  
ADDRESS **6411 EAST BRAINERD ROAD**  
**CHATTANOOGA, TN 37421**  
  
FACILITY **BROWNS FERRY NUCLEAR PLANT**  
LOCATION **ATHENS, AL 35611**

(2-16)		(17-19)	
AL0022080		018	
PERMIT NUMBER		DISCHARGE NUMBER	

  

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

CONSTRUCTION RUNOFF

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE								
	PERMIT REQUIREMENT	NA	NA	MGD					1/30	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT								1/30	GR
pH	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT				6.0		9.0		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  MARTIN E. RIVERS, DIRECTOR OF ENVIRONMENTAL QUALITY STAFF  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	856-6601	84	07 28

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)