

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

DISCHARGE MONITORING REPORT (DMR) (17-19)
 AL0022080
 PERMIT NUMBER
 001
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 84 04 01 TO 84 04 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved
 OMB No. 2000-0015
 MULTIPLE MODE CONDENSER
 COOLING WATER

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	UNITS			
FLOW	SAMPLE MEASUREMENT		1901	MGD					0	CONT	REC OR P LOG
	PERMIT REQUIREMENT	NA	NA								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
 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 § 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
 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)

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

IE25
 0/1

B408060098 B40430
 PDR ADOCK 05000259
 R PDR

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

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 BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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
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 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)

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

AL0022080
 PERMIT NUMBER

003
 DISCHARGE NUMBER

RESIDUAL HEAT REMOVAL SERVICE WATER

FACILITY BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

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

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 (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			
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	NUMBER	YEAR	MO

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

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

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

SEDIMENTATION POND

FACILITY BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (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/	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										

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

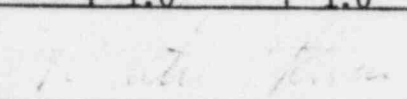
AL0022080
 PERMIT NUMBER

006
 DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

MONITORING PERIOD						
YEAR	MO	DAY	TO	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) 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	0.023 *	0.051	MGD					0	30/30	REC	
	PERMIT REQUIREMENT	NA	NA							1/7	GR	
BOD ₅ 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 ₅ 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	1	1/30	GR	
	PERMIT REQUIREMENT							ML		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	856-6601	84	07	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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 WEFK, THEREFORE FLOW WAS AVERAGED.

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

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				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										

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
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

AL0022080
 PERMIT NUMBER

007
 DISCHARGE NUMBER

RADWASTE SYSTEM

Expires 2-29-84

FACILITY BROWNS PERRY 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)

FROM TO

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	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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										

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 AREA CODE | NUMBER | DATE
 856-6601 | 84 07 28

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

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

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	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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	UNITS	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	MG/L	0	9/30	GR
	PERMIT REQUIREMENT	73	170			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	22	35	LBS/DAY	11	22	34	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 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	84	07

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

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

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

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

STATION SUMP NO. 2

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (10-11) (12-13) (14-15) (16-17) (18-19) (10-11)
84 04 01 TO 84 04 30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (66-73)			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
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
	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
 DATE
84 07 28

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)

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

STATION SUMP NO. 3

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)

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 (38-43)				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
 DATE: 84 07 28

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

AL0022080
PERMIT NUMBER

011
DISCHARGE NUMBER

CCW PUMP STATION

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)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(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			
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	MG/L	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	MG/L	0	8/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.3		7.8	UNITS	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	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)

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	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 (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0011	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	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	0	7/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.0		7.4	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 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)

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

013
DISCHARGE NUMBER

OFFICE BUILDING DRAIN

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)	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			
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									

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	856-6601	84	07

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

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

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

DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)
A10022080 PERMIT NUMBER
014 DISCHARGE NUMBER

CONTROL BUILDING DRAINS

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

MONITORING PERIOD
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)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(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			
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	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20			2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.41	LBS/DAY			24	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100			2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.5	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	NUMBER	YEAR	MO

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)	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	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE									
	PERMIT REQUIREMENT	NA	NA	MGD						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										

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	NUMBER	YEAR	MO	DAY
	856-6601	84	07	28

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

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	04	01	84	04	30
(20-21)	(22-24)	(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 (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		*	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									

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 (8 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
DATE
84 07 28

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.

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 (17-19) 017
 PERMIT NUMBER DISCHARGE NUMBER

HYPOCHLORINATION BUILDING DRAINS

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

MONITORING PERIOD
 FROM 84 04 01 TO 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)	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	NO DISCHARGE								
	PERMIT REQUIREMENT	NA	NA	MGD					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 856-6601
DATE 84 07 28
FTS 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)

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
<small>(20-21)</small>	<small>(22-23)</small>	<small>(24-25)</small>	<small>(26-27)</small>	<small>(28-29)</small>	<small>(30-31)</small>

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	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										

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 AREA CODE NUMBER	84 07 28 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

AL0022080
 PERMIT NUMBER

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
84	05	01	84	05	31
(20-21)	(22-24)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM			
FLOW			1901	MGD				0	CONT	REC OR P LOG
	PERMIT REQUIREMENT	NA	NA						CONT	REC OR P LOG
TEMPERATURE INTAKE/DISCHARGE			77.4/99.9	°F				0	CONT	REC OR P LOG
	PERMIT REQUIREMENT	NA	NA						CONT	REC OR P LOG
RESERVOIR TEMPERATURE RISE			2.8	°F				0	CONT	TAPE REC
	PERMIT REQUIREMENT	NA	5.0						CONT	TAPE REC
DOWNSTREAM RESERVOIR TEMPERATURE			76.2	°F				0	CONT	TAPE REC
	PERMIT REQUIREMENT	NA	90.0*						CONT	TAPE REC
CONDENSER COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 1						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						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						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						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)

*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

AL0022080
PERMIT NUMBER

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
84	05	01	84	05	31
<small>(12-21)</small>	<small>(12-22)</small>	<small>(12-23)</small>	<small>(12-27)</small>	<small>(12-28)</small>	<small>(12-31)</small>

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(1 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
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 1	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR	
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 2	PERMIT REQUIREMENT				NA	NA	0.5/NA		1/7	GR	
AUXILIARY RAW COOLING WATER CHLORINE RESIDUAL FREE/TOTAL UNIT 3	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	0	16/30	MULT GR	
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 2	SAMPLE MEASUREMENT					0.15/0.21	0.31/0.48	0	16/30	MULT GR	
EMERGENCY EQUIPMENT COOLING WATER CHLORINE RESIDUAL/TOTAL UNIT 3	SAMPLE MEASUREMENT					0.49/0.60	1.2/1.4	1	16/30	MULT GR	
pH	SAMPLE MEASUREMENT				7.4		8.0		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.)	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)
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

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

RESIDUAL HEAT REMOVAL SERVICE WATER

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	05	01		84	05	31
(120-21)	(122-23)	(124-25)		(126-27)	(128-29)	(130-31)

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	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE									
	PERMIT REQUIREMENT	NA	NA	MGD						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										

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	NUMBER	YEAR	MO
		856-6601	84	07	28	

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

 TO

YEAR	MO	DAY
84	05	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(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			
FLOW	SAMPLE MEASUREMENT	NO DISCHARGE								
	PERMIT REQUIREMENT	NA	NA	MGD					1/ DISCH	GR
OIL AND GREASE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT				NA	15	20		1/ DISCH	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT				NA	30	100		1/ DISCH	GR
pH	SAMPLE MEASUREMENT									
	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 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
 DATE 84 07 28
 FTS AREA CODE NUMBER YEAR MO DAY

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

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

SEWAGE TREATMENT PLANT

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

(2-16)
AL0022080
PERMIT NUMBER

(17-19)
006
DISCHARGE NUMBER

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

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	UNITS			
FLOW	SAMPLE MEASUREMENT	0.045	0.066	MGD					0	31/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
BOD ₅ 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 ₅ 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
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
DATE: 84 07 28
FTS AREA CODE: 856-6601
NUMBER: 856-6601
YEAR: 84
MO: 07
DAY: 28

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
<small>(20-21)</small>	<small>(22-24)</small>	<small>(24-25)</small>	<small>(26-27)</small>	<small>(28-29)</small>	<small>(30-31)</small>

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 (62-65)	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										

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

AL0022080
 PERMIT NUMBER

007
 DISCHARGE NUMBER

RADWASTE SYSTEM

FACILITY BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	05	01	TO	84	05	31
(17-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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			
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										

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)

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 (17-19) 008
 PERMIT NUMBER DISCHARGE NUMBER

STATION SUMP NO. 1

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	05	01	TO	84	05	31
(10-21)	(12-25)	(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) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.124	0.124	MGD				0	9/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7
pH	SAMPLE MEASUREMENT				6.6		7.6	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			
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			
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	32	63	LBS/DAY	15	31	61	0	9/30	3-GR COMP
	PERMIT REQUIREMENT	150	840			30	100			
	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 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

009
DISCHARGE NUMBER

STATION SUMP NO. 2

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)	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	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)

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

AL0022080
PERMIT NUMBER

010
DISCHARGE NUMBER

STATION SUMP NO. 3

FACILITY BROWNS PERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
<small>(10-21)</small>	<small>(12-23)</small>	<small>(12-25)</small>	<small>(12-27)</small>	<small>(12-29)</small>	<small>(10-31)</small>

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			
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
FTS | 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

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

CCW PUMP STATION

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

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

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			
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									

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	NUMBER	YEAR	MO
		856-6601	84	07	28	

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

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

DISCHARGE MONITORING REPORT (DMR)
 (12-16) AL0022080
 (17-19) 012
 PERMIT NUMBER DISCHARGE NUMBER

OMB No. 2040-0004
 Expires 2-29-84
 CONDENSER TUBE PULLING AREA SUMP

FACILITY BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	05	01		84	05	31
(12-21)	(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 (38-43)				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										

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)
 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

AL0022080
PERMIT NUMBER

013
DISCHARGE NUMBER

OFFICE BUILDING DRAIN

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

MONITORING PERIOD
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 (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	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	1.3	5.0			15	20		2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.11	LBS/DAY		26	MG/L	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									

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
DATE
84 07 28
YEAR MO DAY

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

CONTROL BUILDING DRAINS

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (54-61)			(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	0.0006	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 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 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)	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			
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									

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
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

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	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)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			(46-53) 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	0.0007	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	MG/L	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	MG/L	0	2/30	GR		
	PERMIT REQUIREMENT	37.6	250			30	100				2/7	GR	
pH	SAMPLE MEASUREMENT				7.1		7.2	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 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	NUMBER	YEAR	MO
			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

(2-16)
AL0022080
PERMIT NUMBER

(17-19)
017
DISCHARGE NUMBER

HYPOCHLORINATION BUILDING DRAINS

FACILITY: BROWNS FERRY NUCLEAR PLANT
LOCATION: ATHENS, AL 35611

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

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 (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										

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: 856-6601
DATE: 84 07 28
FTS AREA CODE: 856

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)

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

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

(2-16)
AL0022080
PERMIT NUMBER

(17-19)
018
DISCHARGE NUMBER

CONSTRUCTION RUNOFF

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(10-21)	(12-21)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(5 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	UNIT			
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										

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

AL0022080
 PERMIT NUMBER

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
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)	X	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OF 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		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	D ^o F					0	22/30**	P LOG	
	PERMIT REQUIREMENT	NA	NA							CONT	REC TAPE	
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		4.6	D ^o F					0	CONT	REC TAPE	
	PERMIT REQUIREMENT	NA	5.0							CONT	REC TAPE	
DOWNSTREAM RESERVOIR TEMPERATURE	SAMPLE MEASUREMENT		85.9	D ^o F					0	CONT	REC TAPE	
	PERMIT REQUIREMENT	NA	90.0*							CONT	REC TAPE	
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	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.

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

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

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

AL0022080 PERMIT NUMBER
001 DISCHARGE NUMBER

MULTIPLE MODE CONDENSER
COOLING WATER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	06	01	84	06	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(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			
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 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)
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

AL0022080
PERMIT NUMBER

003
DISCHARGE NUMBER

RESIDUAL HEAT REMOVAL SERVICE WATER

FACILITY BROWNS FERRY NUCLEAR PLANT
LOCATION ATHENS, AL 35611

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

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) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
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									

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
 FACILITY BROWNS FERRY NUCLEAR PLANT
 LOCATION ATHENS, AL 35611

AL0022080
PERMIT NUMBER

005
DISCHARGE NUMBER

SEDIMENTATION POND

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

NOTE: Read instructions before completing this form.

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

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

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

AL0022080
PERMIT NUMBER

006
DISCHARGE NUMBER

SEWAGE TREATMENT PLANT

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)	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	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 ₅ 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 ₅ 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		*	
	PERMIT REQUIREMENT				NA	200	400	ML		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
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)
NOTIFICATIONS OF NONCOMPLIANCE WERE SUBMITTED ON JULY 18, 1984.
*QUARTERLY SAMPLE WAS COLLECTED IN APRIL.

Facility Name (Location if different)

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

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	06	01	84	06	30
<small>(20-21)</small>	<small>(22-23)</small>	<small>(24-25)</small>	<small>(26-27)</small>	<small>(28-29)</small>	<small>(30-31)</small>

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			
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										

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

PERMIT NUMBER AL0022080
DISCHARGE NUMBER 007

RADWASTE SYSTEM

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(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			
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<6.7	13	MG/L	0	18 BATCHES GR
	PERMIT REQUIREMENT				NA	15	20			1/BATCH
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				<1.0	<7.9	20	MG/L	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									

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.)	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)

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

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

(2-16) A10022080
PERMIT NUMBER
(17-19) 008
DISCHARGE NUMBER

STATION SUMP NO. 1

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)	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			
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	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	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	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	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

AL0022080
 PERMIT NUMBER

009
 DISCHARGE NUMBER

STATION SUMP NO. 2

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
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)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(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 (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (60-61)	AVERAGE (62-63)	MAXIMUM (64-65)	UNITS (66-67)			
FLOW	SAMPLE MEASUREMENT: 0.019 PERMIT REQUIREMENT: NA	0.019	0.019	MGD					0	8/30	GR
pH	SAMPLE MEASUREMENT: NA PERMIT REQUIREMENT: NA				7.4		7.5	UNITS	0	2/7 4/30	GR
OIL AND GREASE	SAMPLE MEASUREMENT: <0.93 PERMIT REQUIREMENT: 73	<0.93	1.7	LBS/DAY	<5.0	<5.8	11	MG/L	0	8/30 2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT: 1.7 PERMIT REQUIREMENT: 150	1.7	2.9	LBS/DAY	6.0	11	19	MG/L	0	8/30 2/7	3-GR COMP
	SAMPLE MEASUREMENT: PERMIT REQUIREMENT:		840			30	100				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
 DATE: 84 07 28
 FTS AREA CODE: 856-6601
 NUMBER: 856-6601
 YEAR: 84
 MO: 07
 DAY: 28

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 (2-16) PERMIT NUMBER
 010 (17-19) DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 84 06 01 (20-21) (22-23) (24-25) TO 84 06 30 (26-27) (28-29) (30-31)

STATION SUMP NO. 3

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)			(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	0.032	0.032	MGD						0	8/30	GR	
	PERMIT REQUIREMENT	NA	NA								2/7	GR	
pH	SAMPLE MEASUREMENT				7.1		7.7	UNITS		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	MG/L		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	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	07

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

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

A0022080
 PERMIT NUMBER

011
 DISCHARGE NUMBER

CCW PUMP STATION

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)	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			
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	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	0	9/30	GR
	PERMIT REQUIREMENT	2.5	25.0			30	100		2/7	GR
pH	SAMPLE MEASUREMENT				7.5		7.9	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 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	NUMBER	YEAR	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) 012
 DISCHARGE NUMBER

CONDENSER TUBE PULLING AREA SUMP

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 06 01 TO 84 06 30

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)			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		0.0013	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

AL0022080
 PERMIT NUMBER

013
 DISCHARGE NUMBER

OFFICE BUILDING DRAIN

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)	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			
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	NUMBER	YEAR	MO
		856-6601	84	07	28	

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

014
 DISCHARGE NUMBER

CONTROL BUILDING DRAINS

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			(5 Card Only) QUANTITY 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	NO DISCHARGE			MGD								
	PERMIT REQUIREMENT	NA	NA									2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT				LBS/DAY								
	PERMIT REQUIREMENT	1.3	5.0			15	20					2/7	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT				LBS/DAY								
	PERMIT REQUIREMENT	2.5	25.0			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: 856-6601
 DATE: 84 07 28
 AREA CODE: FTS
 NUMBER: 856-6601
 YEAR: 84
 MO: 07
 DAY: 28

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

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	06	01	84	06	30
<small>(20-21)</small>	<small>(22-23)</small>	<small>(24-25)</small>	<small>(26-27)</small>	<small>(28-29)</small>	<small>(30-31)</small>

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-37)</small>	X	<small>(3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(54-61)</small>			NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-68)</small>	SAMPLE TYPE <small>(69-71)</small>
		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
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 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	TO	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)	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	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	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	18.8	50.1			15	20			2/7	GR	
SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.26	LBS/DAY				31	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	37.6	250			30	100			2/7	GR	
pH	SAMPLE MEASUREMENT				8.3			8.3	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 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

017
 DISCHARGE NUMBER

HYPOCHLORINATION BUILDING DRAINS

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

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-37)</small>	X	<small>(3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(34-61)</small>			NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-68)</small>	SAMPLE TYPE <small>(69-70)</small>
		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									

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

AL0022080
PERMIT NUMBER

018
DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
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) 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	NO DISCHARGE									
	PERMIT REQUIREMENT	NA	NA	MGD						1/30	GR
SUSPENDED SOLIDS	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT								NA	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										

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	NUMBER	YEAR	MO	DAY
	856-6601	84	07	28

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