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Form Approved
OMB No. 158-R0073

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

TITLE NAME/ADDRESS (Include Name, Location & Permit)
 TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 501 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SOBET, TN 37379

(1-16) TN0026450 (17-19) 001
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(18-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-21)				NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-50)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.014	0.014						0	23/30	WEIR
	PERMIT REQUIREMENT	0.030	NA	MGD						1/1	WEIR
BOD ₅	SAMPLE MEASUREMENT	0.28	0.34		1.8	2.4	3.0		0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0	LBS / DAY	NA	30	45	MG/L		2/30	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.23	0.34		1.0	2.0	3.0		0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0	LBS / DAY	NA	30	45	MG/L		2/30	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	21/30	GR
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L		1/1	GR
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.1	1.2	1.3		0	21/30	GR
	PERMIT REQUIREMENT				NA	NA	2.0	MG/L		1/1	GR
FECAL COLIFORM	SAMPLE MEASUREMENT				140	332	790		0	2/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML		2/30	GR
pH	SAMPLE MEASUREMENT				7.2		7.8		0	12/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED C. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be fines up to \$5,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Herald R. Steiner

TELEPHONE DATE
 FTS 857-3173 80 11 28
 AREA CODE NUMBER YEAR MO DAY

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

THIS DOCUMENT CONTAINS POOR QUALITY PAGES

8012020 256

R

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

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 208 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION ECDDY, TN 37379

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

Form Approved
 OMB No. 158-R0073

(12-16) TN0026450 (17-19) 001
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(18-21) (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 (52-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-79)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				2.0	2.5	3.0	0	21/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA	MG/L	1/1	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>ELM</i>	TELEPHONE FTS <u>857-3173</u>	DATE <u>80</u> <u>11</u> <u>28</u>		
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Form Approved OMB No. 155-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-16) TN0026450 PERMIT NUMBER
 (17-19) 002 DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY
 FROM 80 08 01 TO 80 09 01
 (10-11) (12-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) QUANTITY OR LOADING (14-15)			(4 Card Only) QUALITY OR CONCENTRATION (16-21)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)		
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)					
FLOW	SAMPLE MEASUREMENT	0.003	0.003						0	23/30	WEIR		
	PERMIT REQUIREMENT	0.015	NA	MGD						1/1	WEIR		
BOD	SAMPLE MEASUREMENT	0.12	0.16		2.6	4.5	6.4		0	2/30	GR		
	PERMIT REQUIREMENT	3.8	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR		
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.13	0.13		5.0	5.0	5.0		0	2/30	GR		
	PERMIT REQUIREMENT	3.8	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR		
SETTLEABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	21/30	GR		
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L		1/1	GR		
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.0	1.1	1.3		0	21/30	GR		
	PERMIT REQUIREMENT				NA	NA	2.0	MG/L		1/1	GR		
FECAL COLIFORM	SAMPLE MEASUREMENT				30	460	890		0	2/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML		2/30	GR		
pH	SAMPLE MEASUREMENT				7.0		7.8		0	21/30	GR		
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173 NUMBER	80 YEAR
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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 101 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SPOQUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

(12-18) TN0026450 (17-19) 02
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM 80 08 01 TO 80 09 01
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	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			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				2.0	2.5	3.0	0	21/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA		1/1	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE	
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name) (Location if different)
 NAME: DEKALB COUNTY VALLEY AUTHORITY
 ADDRESS: 273 HOL BUILDING
CHATTANOOGA, TN 37401
 FACILITY: SPRINGHILL NUCLEAR PLANT
 LOCATION: SCOTT, TN 37139

PERMIT NUMBER: TN0026450
 DISCHARGE NUMBER: 003

MONITORING PERIOD
 FROM: YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01

SEWAGE TREATMENT PLANT (SAND FILTER)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (34-41)			QUALITY OR CONCENTRATION (44-51)			NO. EX. ANALYSIS (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-49)
	AVERAGE (46-47)	MAXIMUM (48-49)	UNITS (50-51)	AVERAGE (46-47)	MINIMUM (48-49)	MAXIMUM (50-51)			
FLOW	SAMPLE MEASUREMENT	0.012	0.023				0	26/30	WEIR
	PERMIT REQUIREMENT	0.0149	NA	MGD				1/1	WELL
BOD	SAMPLE MEASUREMENT	0.86	1.11		5.6	7.0	0	2/30	GR
	PERMIT REQUIREMENT	3.7	5.6	LBS/DAY	NA	45		2/30	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.73	0.98		3	9	0	2/30	GR
	PERMIT REQUIREMENT	3.7	5.6	LBS/DAY	NA	45		2/30	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	0	1/1	GR
	PERMIT REQUIREMENT				NA	1.0		1/1	GR
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				0.1	0.3	0	1/1	GR
	PERMIT REQUIREMENT				NA	NA		1/1	GR
FECAL COLIFORM	SAMPLE MEASUREMENT				<10	>2000	0	2/30	GR
	PERMIT REQUIREMENT				NA	NA		2/30	GR
PH	SAMPLE MEASUREMENT				6.6	6.7	0	4/30	GR
	PERMIT REQUIREMENT				6.0	9.0		1/1	GR

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORTING SUPPORTING DOCUMENT OR INTENTIONAL TAMPERING OFFENSES SEE 18 USC § 1001 AND 33 USC § 1319 (Penalty: Imprisonment for 5 years or more, or a fine of \$50,000 and/or maximum imprisonment of 6 months and 5 years)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 FTS 857-3173
 AREA CODE NUMBER

TELEPHONE DATE
 80 11 28
 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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450 (2-17) 004
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(28-31) (22-23) (24-25) (28-29) (28-29) (28-31)

CONSTRUCTION RUNOFF

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	X	(3 Card Only) (40-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (64-67)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 30 U.S.C. § 1319. (Penalties under these statutes may be 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 <u>857-3173</u>	DATE <u>80 11 28</u>
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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. 153-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SANDOVAN NUCLEAR PLANT
 LOCATION SODDY, TN 37379

12-16) TN0026450
 PERMIT NUMBER

17-19) 005
 DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	80	08	01		80	09	01
	(20-21)	(12-23)	(24-25)		(24-27)	(28-29)	(30-31)

CONSTRUCTION RUNOFF

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1) and (Only) (16-17)			(4 Card Only) (18-21)			UNITS	NO. EX (22-23)	FREQUENCY OF ANALYSIS (24-25)	SAMPLE TYPE (26-28)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
		NO DISCHARGE									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

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. 158-R0073

NAME Tennessee Valley Authority
 ADDRESS 268 401 Building
Chattanooga, Tn 37401
 FACILITY Seymour Nuclear Plant
 LOCATION Soddy, Tn 37379

(2-14) TN0026450 (2-15) 006
 PERMIT NUMBER DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-76)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
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PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE	DATE		
Mohamed T. El-Ashry Director of ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						PTS 857-3173 AREA CODE NUMBER	80	11	28
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 W. BLDG.
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

17-18) TN0026450 PERMIT NUMBER
 17-19) 007 DISCHARGE NUMBER

YARD DRAINAGE POND

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(26-27) (22-23) (24-25) (28-29) (29-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	(3) and Only (28-31) QUANTITY OR LOADING (54-61)			(4) Card Only (38-45) QUALITY OR CONCENTRATION (58-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	3.1	3.5					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD					1/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				9.7	15	24	0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.15	0.3	0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
TURBIDITY	SAMPLE MEASUREMENT				3.8	7.6	10	0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
pH	SAMPLE MEASUREMENT				7.1		8.4	0	4/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0		1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE	
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		PTS 1857-3173	80
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA CODE		NUMBER		YEAR	MO	DAY		

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 258 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOIAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-24) TN0026450 (2-25) 008
 PERMIT NUMBER DISCHARGE NUMBER

CONCRETE BATCH PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
 (28-31) (22-31) (24-25) (28-31) (28-31) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	X	QUANTITY OR LOADING (34-37)			QUALITY OR CONCENTRATION (38-41)				NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-49)
		AVERAGE (34-35)	MAXIMUM (36-37)	UNITS (38-39)	MINIMUM (38-39)	AVERAGE (40-41)	MAXIMUM (40-41)	UNITS (40-41)			
FLOW	SAMPLE MEASUREMENT	0.008	0.014	MGD					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT					<5			0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	20	MG/L	1/30	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				3.0	12	24		0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	20	MG/L	1/7	GR	
pH	SAMPLE MEASUREMENT				7.2		8.5		0	4/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS	1/7	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80	11

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. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 CATION SODDY, TN 37379

(2-18) TN0026450 (17-19) 009
 PERMIT NUMBER DISCHARGE NUMBER

PREOPERATIONAL METAL CLEANING WASTES

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	(14 and 15) QUANTITY OR LOADING (46-51)			(16 and 17) QUALITY OR CONCENTRATION (56-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
<u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<u>FTS 857-3173</u>	<u>80</u>	<u>11</u>
		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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 CITY SEQUOYAH NUCLEAR PLANT
 LOCATION SCUDY, TN 37379

(2-18) TN0026450 PERMIT NUMBER
 (17-19) 010 DISCHARGE NUMBER

STATION SUMP

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 FROM 80 08 01 TO 80 09 01
 (28-21) (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 (48-53)				NO. EX (52-53)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (48-49)	AVERAGE (48-53)	MAXIMUM (48-53)	UNITS (48-53)			
FLOW	SAMPLE MEASUREMENT	1.85	2.2	MGD					0	8/30	Cal
	PERMIT REQUIREMENT	NA	NA								CONT
OIL AND GREASE	SAMPLE MEASUREMENT	<29.5	60	Kg/ DAY	5.0	5.5	8.3		7	8/30	GR
	PERMIT REQUIREMENT	11.9	15.9		NA	15	20	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	80.4	177	Kg/ DAY	6.2	14	24		2	8/30	GR
	PERMIT REQUIREMENT	23.8	79.5		NA	30	100	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				12	22	39	mg/l	0	4/30	Comp
	PERMIT REQUIREMENT			NA	30	100					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80	11
TYPED OR PRINTED					

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 A noncompliance statement was submitted on July 18, 1979, explaining the violations. A permit modification was requested on October 19, 1979.

PERMITTEE NAME/ADDRESS (include Facility Name; Location if different)

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

Form Approved
OMB No. 155-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
CITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(12-16) **TN0026450**
PERMIT NUMBER

(17-19) **012**
DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	80	08	01		80	09	01
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

COOLING TOWER BLOWDOWN

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(31 and Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (56-63)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	NA	NA	MGD						CON*	REC*
pH					7.0		7.4		0	4/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/T	GR
BORON					0.45	1.06	1.40		0	4/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						14.0	MG/L		1/T	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173 AREA CODE NUMBER	DATE 80 11 28 YEAR MO DAY		
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* Not applicable during open or helper mode.

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

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

Form Approved OMB No. 158-R0073

NAME: TENNESSEE VALLEY AUTHORITY
 ADDRESS: 268 401 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY: SEQUOYAH NUCLEAR PLANT
 LOCATION: SCODDY, TN 37372

(2-16) TN0026450
 PERMIT NUMBER

(17-19) 013
 DISCHARGE NUMBER

RECYCLED COOLING WATER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	08	01		80	09	01
(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 (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		*								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80	11

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

* Units were in open mode and the only discharge was a small volume of gate leakage. Therefore, no samples were collected.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY BEADBOYAR NUCLEAR PLANT
 LOCATION SOBBY, TN 37379

(1-16) TN0026450 PERMIT NUMBER
 (17-19) 014 DISCHARGE NUMBER

CONDENSATE DEMINERALIZER REGENERATION WASTE, HIGH CONDUCTIVITY, LOW CRUD

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(10-21) (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 (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (58-63)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE (46-51)	MAXIMUM (54-61)	UNITS (52-53)	MINIMUM (58-63)	AVERAGE (60-65)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.018	0.050	MGD				0	10	BATCHES CAL
	PERMIT REQUIREMENT	NA	NA							1/BATCH CALC.
OIL AND GREASE	SAMPLE MEASUREMENT	<0.33	<1.2	Kg/DAY	<5.0	<5.0	<5.0	0	10	BATCHES GR
	PERMIT REQUIREMENT	1.6	2.2		NA	15	20	MG/L		1/BATCH GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.96	1.6	Kg/DAY	15	27	39	0	10	BATCHES GR
	PERMIT REQUIREMENT	3.3	11.0		NA	30	100	MG/L		1/BATCH GR
pH	SAMPLE MEASUREMENT				6.7		8.9	0	10	BATCHES GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/BATCH GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 <u>857-3173</u> AREA CODE NUMBER	<u>80</u> YEAR	<u>11</u> MO	<u>28</u> 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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SECUCOYAH NUCLEAR PLANT
 LOCATION SOODY TN 37379

(17-18) TN0026450 PERMIT NUMBER
 (17-19) 015 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

CONDENSATE DEMINERALIZER REGENERATION WASTE, LOW CONDUCTIVITY, HIGH CRUD

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(31 and Only) (46-53) QUANTITY OR LOADING (54-51)			(4 and Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.044	0.072	MGD				0	10 BATCHES	CAL
	PERMIT REQUIREMENT	NA	NA							
OIL AND GREASE	SAMPLE MEASUREMENT	<0.36	0.43	Kg/DAY	<5.0	<5.0	<5.0	0	10 BATCHES	GR
	PERMIT REQUIREMENT	3.4	4.5		NA	15	20			
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	2.6	3.9	Kg/DAY	23	40	59	0	10 BATCHES	GR
	PERMIT REQUIREMENT	6.8	23.0		NA	30	100			
PH	SAMPLE MEASUREMENT				6.1		8.5	0	10 BATCHES	GR
	PERMIT REQUIREMENT				6.0	NA	9.0			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE 857-3173	80	11
TYPED OR PRINTED					

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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37403
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

1N0026450
 PERMIT NUMBER

016
 DISCHARGE NUMBER

LIQUID RADWASTE

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(33 and Only) (46-53) QUANTITY OR LOADING (14-21)			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.034	0.096	MGD					27	BATCHES
	PERMIT REQUIREMENT	NA	NA						1/BATCH	
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<5.1	6.2		27	BATCHES
	PERMIT REQUIREMENT				NA	NA	20	MG/L	1/BATCH	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				<1.0	<11	27		27	BATCHES
	PERMIT REQUIREMENT				NA	NA	30	MG/L	1/BATCH	
pH	SAMPLE MEASUREMENT				4.2		8.8		27	BATCHES
	PERMIT REQUIREMENT				NA	NA	NA	UNITS	1/BATCH	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 3 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 857-3173
 DATE: 80 11 28
AREA CODE NUMBER YEAR MO DAY

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

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

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

Form Approved
OMB No. 158-P-0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION BODDY, TN 37319

(17-18) TN0026450
PERMIT NUMBER
(17-19) 017
DISCHARGE NUMBER

OFFICE BUILDING SUMP 1

MONITORING PERIOD
FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(19-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (40-43) QUANTITY OR LOADING (34-41)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (34-41)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
		NO DISCHARGE										
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	NUMBER

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. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION ROBYS, TN 37379

(2-14) TN0026450
PERMIT NUMBER
(17-19) 018
DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
(28-29) (22-23) (24-25) (26-27) (28-29) (30-31)

OFFICE BUILDING SUMP 2

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						FTS 857-3173		80	11	28

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

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

Form Approved OMB No. 155-R0073

NAME: TENNESSEE VALLEY AUTHORITY
 ADDRESS: 268 401 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY: SEQUOYAH NUCLEAR PLANT
 LOCATION: BODDY, TN 37379

PERMIT NUMBER: TN0026450
 DISCHARGE NUMBER: 019

SERVICE BUILDING SUMP

MONITORING PERIOD
 FROM: 80 08 01 TO: 80 09 01

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADINGS (4 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.0003	0.0005					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD					2/7	GR OR P. LOG
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<8.9	20	0	4/30	GR
	PERMIT REQUIREMENT				NA	15	20		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				19	28	38	0	4/30	GR
	PERMIT REQUIREMENT				NA	30	100		2/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: MOHAMED T. EL-ASHRY, DIRECTOR OF ENV. QUAL.
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]
 TELEPHONE: FTS 857-3173
 DATE: 80 11 28

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 There was no discharge four times during this period.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SOBDDY, TN 37319

(2-18) TN0026450
 PERMIT NUMBER
 (17-19) 020
 DISCHARGE NUMBER

DIESEL GENERATING BUILDING

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
 (18-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(I and Only) (40-53)			(II and Only) (10-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT		*								
	PERMIT REQUIREMENT	NA	NA	MGD						2/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<5.1	5.7		0	8/30	GR
	PERMIT REQUIREMENT				NA	15	20	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				8.1	19	69		0	8/30	GR
	PERMIT REQUIREMENT				NA	30	100	MG/L		2/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	11	28
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

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

* Flow monitoring was unrepresentative.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37406
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450
 PERMIT NUMBER
 (17-19) 021
 DISCHARGE NUMBER

SODIUM HYPOCHLORITE BUILDING FLOOR AND EQUIPMENT DRAINS

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (66-73)			NO. EX (82-83)	FREQUENCY OF ANALYSIS (84-85)	SAMPLE TYPE (89-90)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 <u>857-3173</u> AREA CODE NUMBER	DATE <u>80</u> <u>11</u> <u>28</u> YEAR MO DAY
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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 (40 CFR 122.41)

Form Approved OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37601
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

TN0026450
 PERMIT NUMBER

023
 DISCHARGE NUMBER

STEAM GENERATOR BLOWDOWN TO COOLING TOWER BLOWDOWN LINE

MONITORING PERIOD
 FROM 80 08 01 TO 80 09 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (34-41)			QUALITY OR CONCENTRATION (44-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (67-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (46-53)	AVERAGE (54-61)	MAXIMUM (54-61)			
SAMPLE MEASUREMENT		NO DISCHARGE								
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 615 857-3173
 DATE 80 11 28
AREA CODE NUMBER YEAR MO DAY

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 LOJ BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-16) TN0026450
 PERMIT NUMBER
 (17-19) 024
 DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
 FROM YEAR 80 MO 06 DAY 01 TO YEAR 80 MO 09 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	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 (64-69)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT	341	1500	MGD					0	CONT	REC	
	PERMIT REQUIREMENT	NA	NA								CONT	REC
DISCHARGE TEMPERATURE (OPEN MODE)	SAMPLE MEASUREMENT		85	°F					0	CONT	REC	
	PERMIT REQUIREMENT	NA	112.5								CONT	REC
DOWNSTREAM TEMPERATURE	SAMPLE MEASUREMENT		85	°F					0	CONT	REC	
	PERMIT REQUIREMENT	NA	86.9								CONT	REC
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		5.3	°F					0	CONT	REC	
	PERMIT REQUIREMENT	NA	5.6								CONT	REC
RESERVOIR TEMPERATURE RATE OF RISE	SAMPLE MEASUREMENT		0.67	°F/HR.					0	CONT	REC	
	PERMIT REQUIREMENT	NA	3.6								CONT	REC
pH	SAMPLE MEASUREMENT				7.0		8.2		0	31/30	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS	1/1		GR	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	Not chlorinated										
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L		CONT	REC	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							PTS AREA CODE	857-3173 NUMBER	80 YEAR	11 MO	28 DAY

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18) TN0026450
 PERMIT NUMBER

(2-19) 024
 DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
80	08	01	80	09	01
(26-27)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DIFFUSER GATE

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (38-43)			(4 Card Only) QUALITY OR CONCENTRATION (44-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
MANUAL CHLORINE RESIDUAL		Not chlorinated									
					NA	NA	0.1	MG/L	1/1	MULT GR	
CHLORIDE							*				
					NA	NA	NA	MG/L	1/30	GR	
OIL AND GREASE							*				
					NA	NA	NA	MG/L	1/30	GR	
SODIUM							*				
					NA	NA	NA	MG/L	1/30	GR	
SULFATE							*				
					NA	NA	NA	MG/L	1/30	GR	
TOTAL SUSPENDED SOLIDS							*				
					NA	NA	NA	MG/L	1/30	GR	
TOTAL SETTLEABLE SOLIDS							*				
					NA	NA	NA	MG/L	1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						857-3173		80	11	28
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

* Samples were inadvertently not collected.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER TN0026450
 DISCHARGE NUMBER 024

DIFFUSER GATE

MONITORING PERIOD
 FROM 80 08 01 TO 80 09 01
 (28-31) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3rd Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (54-63)	SAMPLE TYPE (59-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TDS						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL SOLIDS						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
AMMONIA NITROGEN						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL COPPER						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL IRON						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL MANGANESE						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL ZINC						*					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 3 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						PTS 857-3173		80	11	28
TYPED OR PRINTED							AREA CODE		NUMBER	YEAR	MO

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

* Samples were inadvertently not collected.

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

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

Form 3320-1
OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37329

(12-14) TN0026450
 PERMIT NUMBER
 (17-19) 024
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO DAY °C YEAR MO DAY
80 08 01 °C 80 11 01
 (28-31) (22-23) (24-25) (28-27) (29-29) (30-31)

Diffuser Gate

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 (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BORON	SAMPLE MEASUREMENT				<0.018	<0.26	0.46	MG/L	0	4/30	GR
	PERMIT REQUIREMENT						1.1			1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE			
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80	11
TYPED OR PRINTED		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. 155-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18) TN0026450
 PERMIT NUMBER

(27-19) 025
 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	08	01		80	09	01
(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 (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)				
FLOW	SAMPLE MEASUREMENT		832						0	CONT	REC	
	PERMIT REQUIREMENT	NA	NA	MGD						CONT	REC	
AMBIENT TEMPERATURE	SAMPLE MEASUREMENT		86						0	1/hr	REC	
	PERMIT REQUIREMENT	NA	NA	OP						1/HR	REC	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	Not chlorinating										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/Y	MULT GR	
CHLORIDE	SAMPLE MEASUREMENT					*						
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
OIL AND GREASE	SAMPLE MEASUREMENT					*						
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
SODIUM	SAMPLE MEASUREMENT					*						
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
SULFATE	SAMPLE MEASUREMENT					*						
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	11	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

Plant and ERCW intakes presently at same location; flow quantity is maximum value during sampling period. Ambient temp data; (1) are reported as the maximum of the hourly calculated values for the sampling period, (2) will be both temperally and spacially averaged upon completion of the permanent monitor.
 Samples were inadvertently not analyzed.

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

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

Form Approved
 OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAN NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18) TN0026450 (17-19) 025
 PERMIT NUMBER DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
80 08 01 TO 80 09 01

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TSS	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL SETTLEABLE SOLIDS	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	ML/L	1/30	GR	
TDS	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL SOLIDS	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
AMMONIA NITROGEN	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL COPPER	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL IRON	SAMPLE MEASUREMENT							*			
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
			FTS AREA CODE	857-3173	80	11

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

* Samples were inadvertently not analyzed.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(17-18) TN0026450
 PERMIT NUMBER
 (17-19) 025
 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR 80 MO 08 DAY 01 TO YEAR 80 MO 09 DAY 01
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	X	(34 and Only) QUANTITY OR LOADING (40-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (46-47)	AVERAGE (48-49)	MAXIMUM (50-51)				UNITS (52-53)
TOTAL MANGANESE							*				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
ZINC							*				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						FTS	857-3173	80	11	28
DIRECTOR OF ENV.QUAL.							AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED	COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										

* Samples were inadvertently not analyzed

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

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

Form Approved OMB No. 58-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-16) TN0026450
 PERMIT NUMBER

(17-19) 001
 DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	09	01		80	10	01
(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) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW	SAMPLE MEASUREMENT	0.014	0.014						0	23/30	WEIR		
	PERMIT REQUIREMENT	0.030	NA	MGD						1/1	WEIR		
BOD	SAMPLE MEASUREMENT	1.4	2.7		1.8	12.9	24		0	2/30	GR		
	PERMIT REQUIREMENT	7.5	11.0	LBS/DAY	NA	30	45	MG/L		2/30	GR		
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	2.2	3.9		4.0	19.5	35		0	2/30	GR		
	PERMIT REQUIREMENT	7.5	11.0	LBS/DAY	NA	30	45	MG/L		2/30	GR		
SETTLEABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	21/30	GR		
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L		1/1	GR		
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.1	1.2	1.4		0	21/30	GR		
	PERMIT REQUIREMENT				NA	NA	2.0	MG/L		1/1	GR		
FECAL COLIFORM	SAMPLE MEASUREMENT				>2000	>2000	>2000		0	2/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML		2/30	GR		
pH	SAMPLE MEASUREMENT				7.0		7.8		0	21/30	GF		
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/1	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80
TYPED OR PRINTED				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. 155-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 101 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SENOYAH NUCLEAR PLANT
 LOCATION SENOYAH, TN 37379

(2-18) TN0026450 (27-29) 001
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-33)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				2.0	2.6	3.2		0	21/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA	MG/L		1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>EL</i>	TELEPHONE		DATE		
			FTS AREA CODE	NUMBER	YEAR	MO	DAY
			857-3173	80	11	28	

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

PERMITTEE NAME/ADDRESS (include Facility Name; Location if different)

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

Form Approved
GSA GEN. REG. NO. 27

NAME: TENNESSEE VALLEY AUTHORITY
ADDRESS: 268 401 BUILDING
CHATTANOOGA, TN 37401
ACTIVITY: SPOUYAH NUCLEAR PLANT
LOCATION: SODEY, TN 37379

TN0026450 (12-16)
PERMIT NUMBER
002 (17-19)
DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
FROM: YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(10-31) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-17)			QUALITY OR CONCENTRATION (18-21)				NO. EX (22-23)	FREQUENCY OF ANALYSIS (24-25)	SAMPLE TYPE (26-27)	
		AVERAGE (14-15)	MAXIMUM (16-17)	UNITS (18-19)	MINIMUM (18-19)	AVERAGE (20-21)	MAXIMUM (20-21)	UNITS (22-23)				
FLOW	SAMPLE MEASUREMENT	0.003	0.005						0	23/30	WEIR	
	PERMIT REQUIREMENT	0.01		MGD						1/1	WEIR	
BOD	SAMPLE MEASUREMENT	0.14	0.20		3.0	3.9	4.8		0	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.33	0.37		9.0	10	11		0	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR	
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	21/30	GR	
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L		1/1	GR	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.1	1.14	1.4		0	21/30	GR	
	PERMIT REQUIREMENT				NA	NA	2.0	MG/L		1/1	GR	
FECAL COLIFORM	SAMPLE MEASUREMENT				<10	<10	<10		0	2/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML		2/30	GR	
pH	SAMPLE MEASUREMENT				7.0		7.8		0	21/30	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE			
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	11	28
TYPED OR PRINTED								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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(12-16) TN0026450
PERMIT NUMBER

(17-19) 002
DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	80	09	01		80	10	01
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

CONSTRUCTION SEWAGE TREATMENT PLANT

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (14-15)			(4 Card Only) (16-21)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				2.3	2.7	3.0		0	21/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA	MG/L		1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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
			857-3173	80	11	28

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

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

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

Form Approved
OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(12-16) TN0026450
PERMIT NUMBER
(17-19) 003
DISCHARGE NUMBER

SEWAGE TREATMENT PLANT (SAND FILTER)

MONITORING PERIOD
FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (46-51) 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	0.007	0.013						0	30/30	WEIR	
	PERMIT REQUIREMENT	0.0149	NA	MGD						1/1	WEIR	
BOD	SAMPLE MEASUREMENT	0.32	0.37		3.8	4.6	5.4		0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.2	0.9		3	8	13		0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6	LBS/DAY	NA	30	45	MG/L		2/30	GR	
SETTLEABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	30/30	GR	
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L		1/1	GR	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				0.1	0.7	2.3		0	30/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/1	GR	
FECAL COLIFORM	SAMPLE MEASUREMENT				<10	<10	<10		0	2/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML		2/30	GR	
pH	SAMPLE MEASUREMENT				6.7		6.9		0	4/30	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 3 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	11	28
TYPED OR PRINTED								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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION RODDY, TN 37379

(2-18) TN0026450 (17-19) 004
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-33)</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>(69-70)</small>
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SAMPLE MEASUREMENT		NO DISCHARGE									
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]

TELEPHONE: FTS 857-3173
AREA CODE NUMBER

DATE: 80 11 28
YEAR MO DAY

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

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

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

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

Form Approved
 OMB No. 158-R0073

(12-16) TN0026450
 PERMIT NUMBER

(17-19) 005
 DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(33 and Only) (45-53) QUANTITY OR LOADING (54-61)			(34 and Only) (38-45) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 <u>857-3173</u>	DATE <u>80</u> <u>11</u> <u>28</u> YEAR MO DAY		
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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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SENOCOYAH NUCLEAR PLANT
 LOCATION BONDY, TN 37379

(1-16) TN0026450 (17-19) 006
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

CONSTRUCTION RUNOFF

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (56-63)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	TELEPHONE RTS AREA CODE <u>857-3173</u>	DATE YEAR <u>80</u> MO <u>11</u> DAY <u>28</u>
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)				

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

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 3740 37379

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

Form Approved
 OMB No. 158-R0073

(12-16) TN0026150 (17-19) 007
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
80 09 01 TO 80 10 01

YARD DRAINAGE POND

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (13 Card Only) (46-53)			QUALITY OR CONCENTRATION (14 Card Only) (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	3.1	3.5						0	4/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD						1/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				9.7	15	24		0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/7	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.13	0.3		0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	ML/L		1/7	GR
TURBIDITY	SAMPLE MEASUREMENT				3.8	7.6	10		0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	JTU		1/7	GR
pH	SAMPLE MEASUREMENT				7.1		8.4		0	4/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173 AREA CODE NUMBER	DATE 80 11 28 YEAR MO DAY
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

DISCHARGE MONITORING REPORT (DMR)

OMB No. 158-R0673

MISSISSIPPI VALLEY AUTHORITY
 268 401 BUILDING
 CHATTANOOGA, TN 37401

TN0026450
 PERMIT NUMBER

008
 DISCHARGE NUMBER

CONCRETE BATCH PLANT

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
80	09	01	80	10	01
(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	0.003	0.006	MGD					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA								1/7
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	20	MG/L		1/30	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				13	18	23		0	4/30	GR
	PERMIT REQUIREMENT				NA	NA	50	MG/L		1/7	GR
pH	SAMPLE MEASUREMENT				7.1		7.5		0	4/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	11	28
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

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 Ohio No. 153-K0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-18) **TN0026450** (17-19) **009**
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR **80** MO **09** DAY **01** TO YEAR **80** MO **10** DAY **01**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PREOPERATIONAL METAL CLEANING WASTES

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (40-53) 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				
		NO DISCHARGE										
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. <small>(Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</small>						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	NUMBER
COMMENT AND EXPLANATION OF ANY VIOLATIONS <small>(Reference all attachments here)</small>												

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450 (2-17) 010
 PERMIT NUMBER DISCHARGE NUMBER

STATION SUMP

MONITORING PERIOD
 FROM 80 09 01 TO 80 10 01
 (20-22) (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) (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	0.76	0.95						0	9/30	CAL
	PERMIT REQUIREMENT	NA	NA	MGD						CONT	P. LOG
OIL AND GREASE	SAMPLE MEASUREMENT	<15	22	Kg/DAY	<5.0	<5.4	7.6		3*	9/30	GR
	PERMIT REQUIREMENT	11.9	15.9		NA	15	20	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	46	85	Kg/DAY	3.6	16	30		1*	9/30	GR
	PERMIT REQUIREMENT	23.8	79.5		NA	30	100	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				27	37	57	MG/L	0	6/30	COMP
	PERMIT REQUIREMENT				NA	30	100			-	-
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]

TELEPHONE: FTS 857-3173

DATE: 80 11 28

AREA CODE: 857 NUMBER: 3173 YEAR: 80 MO: 11 DAY: 28

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

* A noncompliance statement was submitted on July 18, 1979, explaining the violations. A permit modification was requested on October 19, 1979.

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-14) TN0026450 PERMIT NUMBER
 (17-19) 012 DISCHARGE NUMBER

COOLING TOWER BLOWDOWN

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	Quantity or Loading (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										
	PERMIT REQUIREMENT	NA	NA	MGD						CONF*	REC*
pH					7.2		7.5		0	3/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR
BORON					0.60	0.78	1.0		0	3/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT						14.0	MG/L		1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EI-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	TELEPHONE	DATE		
FTS AREA CODE			NUMBER	YEAR	MO	DAY
			857-3173	80	11	28

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

* Not applicable during open or helper mode.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

(12-18) TN0026450 (17-19) 013
 PERMIT NUMBER DISCHARGE NUMBER

RECYCLED COOLING WATER

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(10-71) (12-21) (24-25) (26-27) (28-29) (31-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(11 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(14 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (56-63)				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	*										
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L		1/7	MULT GR	
TEMPERATURE	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT	NA	101°	°F						1/1	MULT GR	
pH	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS AREA CODE	857-3173 NUMBER	80 YEAR	11 MO	28 DAY

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

* The units were in open mode and the only discharge was a small volume of gate leakage. Therefore, no samples were collected.

EMITTER NAME/ADDRESS (Include
 facility Name, Location if different)

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

OMB No. 156-200

NAME: TENNESSEE VALLEY AUTHORITY
 ADDRESS: 1501 N. W. 10TH ST.
 CHATTANOOGA, TN 37401
 PERMIT NO.: 1501-101-01
 MONITORING PLAN

014
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM: 80 09 01 TO: 80 10 01
(09-01) (09-31) (10-01) (09-27) (09-29) (10-01)

CONDENSATE DEMINERALIZER REGENERATION
 WASTE, HIGH CONDUCTIVITY, LOW CRUD

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-17)				NO. EX (18-19)	FREQUENCY OF ANALYSIS (20-21)	SAMPLE TYPE (22-23)
		AVERAGE (46-51)	MAXIMUM (52-53)	UNITS (54-55)	MINIMUM (33-34)	AVERAGE (46-51)	MAXIMUM (52-53)	UNITS (54-55)			
FLOW	SAMPLE MEASUREMENT	0.025	0.048						0	7	CAL
	PERMIT REQUIREMENT	NA	NA	MGD						1/BATCH	CAL
OIL AND GREASE	SAMPLE MEASUREMENT	<0.3	<0.63	Kg/DAY	<5.0	<5.2	<6.5		0	7	GR
	PERMIT REQUIREMENT	1.6	2.2		NA	15	20	MG/L		1/BATCH	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	1.94	4.45	Kg/DAY	14	33	81		0	7	GR
	PERMIT REQUIREMENT	3.3	11.0		NA	30	100	MG/L		1/BATCH	GR
pH	SAMPLE MEASUREMENT				6.3		8.9		0	7	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/BATCH	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE, PRINCIPAL EXECUTIVE OFFICER MOHAMMAD T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		PTS AREA CODE	857-3173 NUMBER	80 YEAR	11 MO	28 DAY
NET NO EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-18) TN0026450
 PERMIT NUMBER
 (17-19) 015
 DISCHARGE NUMBER

CONDENSATE DEMINERALIZER REGENERATION WASTE, LOW CONDUCTIVITY, HIGH CRUD

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(28-31) (22-31) (24-25) (24-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1) and (Only) QUANTITY OR LOADING (46-53)			(4) and (Only) QUALITY OR CONCENTRATION (32-45)			NO. EX (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.026	0.052	MGD				0	8 BATCHES	CAL
	PERMIT REQUIREMENT	NA	NA							1/BATCHE
OIL AND GREASE	SAMPLE MEASUREMENT	<0.38	0.64	Kg/DAY	<5.0	<5.75	11	0	8 BATCHES	CAL
	PERMIT REQUIREMENT	3.4	4.5		NA	15	20	MG/L		1/BATCHE
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	1.74	4.05	Kg/DAY	10	21	42	0	8 BATCHES	GR
	PERMIT REQUIREMENT	6.8	23.0		NA	30	100	MG/L		1/BATCHE
pH	SAMPLE MEASUREMENT				6.1		8.3	0	8 BATCHES	GR
	PERMIT REQUIREMENT				6.0	NA	9.0		1/BATCHE	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 FIPS 857-3173 AREA CODE NUMBER	DATE 80 11 28 YEAR MO DAY
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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. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER TN0026450 DISCHARGE NUMBER 016

LIQUID RADWASTE

MONITORING PERIOD
 FR. M. YEAR MO DAY TO YEAR MO DAY
80 09 01 TO 80 10 01

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-51)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-51)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)			
FLOW	SAMPLE MEASUREMENT	0.024	0.085						0	22	CAL
	PERMIT REQUIREMENT	NA	NA	MGD							GR OR P.LOG
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<6.2	9.7		0	22	GR
	PERMIT REQUIREMENT				NA	NA	20	MG/L			GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				1.7	12	27		0	22	GR
	PERMIT REQUIREMENT				NA	NA	30	MG/L			GR
pH	SAMPLE MEASUREMENT				4.9		7.2		0	22	GR
	PERMIT REQUIREMENT				NA	NA	NA	UNITS			GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173

DATE: 80 11 28

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16)
 TN0026450
 PERMIT NUMBER

(17-19)
 017
 DISCHARGE NUMBER

OFFICE BUILDING SUMP 1

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	09	01		80	10	01
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (31 and (only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (52-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80	11

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. 158-F-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-18)
 TNO026450
 PERMIT NUMBER

(17-19)
 018
 DISCHARGE NUMBER

OFFICE BUILDING SUMP 2


MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(12-13)</small>	X	<small>(14 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small> <small>(54-61)</small>			<small>(14 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			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173
 DATE 80 11 28
AREA CODE NUMBER YEAR MO DAY

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

PERMITTEE NAME/ADDRESS (include Facility Name, Location if different)

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401

FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SOEDDY, TN 37379

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

PERMIT NUMBER TN0026450
 DISCHARGE NUMBER 019

SERVICE BUILDING SUMP

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(12.17)</small>	AVERAGE <small>(14.51)</small>			MAXIMUM <small>(14.61)</small>			MINIMUM <small>(14.61)</small>			QUALITY OR CONCENTRATION <small>(14.61)</small>			NO. EX <small>(12.43)</small>	FREQUENCY OF ANALYSIS <small>(14.48)</small>	SAMPLE TYPE <small>(14.78)</small>
	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT				
FLOW	SAMPLE MEASUREMENT	0.0002	0.0003	0.0003									0	7/30	GR
	PERMIT REQUIREMENT	NA	NA	NA										2/7	GR OR P. LOG
OIL AND GREASE	SAMPLE MEASUREMENT				6.9	18							0	7/30	GR
	PERMIT REQUIREMENT													2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				15	20							0	7/30	GR
	PERMIT REQUIREMENT													2/7	GR
	SAMPLE MEASUREMENT				30	100								2/7	GR
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED															
THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 NUMBER															
DATE															
PPTS 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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAE NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-18)
 TNO026450
 PERMIT NUMBER

(17-19)
 020
 DISCHARGE NUMBER

DIESEL GENERATING BUILDING

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (41 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW			*								
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	NA	NA	MGD						2/7	GR
OIL AND GREASE					<5.0	<5.0	<5.0		0	9/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	15	20	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS					2.2	14	75		0	9/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				NA	30	100	MG/L		2/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173
 AREA CODE NUMBER
 DATE
 80 11 28
 YEAR MO DAY

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

*Flow monitoring was unrepresentative.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18)
 TN0026450
 PERMIT NUMBER

(17-19)
 021
 DISCHARGE NUMBER

SODIUM HYPOCHLORITE BUILDING FLOOR AND EQUIPMENT DRAINS

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.			857-3173	80	11	28
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

Form Approved
OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(2-16) TN0026450
PERMIT NUMBER
(17-19) 023
DISCHARGE NUMBER

STEAM GENERATOR BLOWDOWN TO COOLING
TOWER BLOWDOWN LINE

MONITORING PERIOD
FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(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 (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173

DATE
80 11 28
YEAR MO DAY

AREA CODE NUMBER

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 158-T-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
 CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

TN0026450
 PERMIT NUMBER

024
 DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
 FROM 80 09 01 TO 80 10 01
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (40-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (66-73)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	402	410						0	CONT	REC
	PERMIT REQUIREMENT	NA	NA	MGD						CONT	REC
DISCHARGE TEMPERATURE (OPEN MODE)	SAMPLE MEASUREMENT		84						0	CONT	REC
	PERMIT REQUIREMENT	NA	112.5	°F						CONT	REC
DOWNSTREAM TEMPERATURE	SAMPLE MEASUREMENT		83						0	CONT	REC
	PERMIT REQUIREMENT	NA	86.9	°F						CONT	REC
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		5.0						0	CONT	REC
	PERMIT REQUIREMENT	NA	5.4	°F						CONT	REC
RESERVOIR TEMPERATURE RATE OF RISE	SAMPLE MEASUREMENT		0.47						0	CONT	REC
	PERMIT REQUIREMENT	NA	3.6	°F/HR.						CONT	REC
pH	SAMPLE MEASUREMENT				6.9		7.6		0	30/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/1	GR
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	Not Chlorinated							0		
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L		CONT	REC
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80
TYPED OR PRINTED				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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18) TN0026450 (27-19) 024
 PERMIT NUMBER DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	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
MANUAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT	Not Chlorinated						0			
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L	1/7	MULT GR	
CHLORIDE	SAMPLE MEASUREMENT						4.6		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
SODIUM	SAMPLE MEASUREMENT						0.5		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
SULFATE	SAMPLE MEASUREMENT						4.0		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TSS	SAMPLE MEASUREMENT						6.0		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR	
TOTAL SETTLEABLE SOLIDS	SAMPLE MEASUREMENT						<0.1		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	ML/L	1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80
TYPE: OR PRINTED							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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-18) TNO026450
 PERMIT NUMBER

(17-19) 024
 DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(20-21) (22-24) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(12-37)</small>	X	<small>(3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(38-45)</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				UNITS	
TDS	SAMPLE MEASUREMENT						72	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
TOTAL SOLIDS	SAMPLE MEASUREMENT						80	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
AMMONIA NITROGEN	SAMPLE MEASUREMENT						0.34	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
TOTAL COPPER	SAMPLE MEASUREMENT						0.02	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
TOTAL IRON	SAMPLE MEASUREMENT						0.05	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
TOTAL MANGANESE	SAMPLE MEASUREMENT						<0.02	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
TOTAL ZINC	SAMPLE MEASUREMENT						0.01	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								NUMBER	YEAR	MO	DAY	

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SQDEY, TN 37379

(2-16) **TN0026450** PERMIT NUMBER
 (17-19) **024** DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR **80** MO **09** DAY **01** TO YEAR **80** MO **10** DAY **01**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DIFFUSER GATE

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)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
BORON					0.11	0.26	0.36	MG/L	0	3/30	GR
							1.1			1/1	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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	857-3173	80	11
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA CODE	NUMBER	YEAR	MO	DAY

PERMITTEE NAME/ADDRESS (include Facility Name; Location if different)

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401

(2-18) TN0026450
 PERMIT NUMBER

(17-19) 025
 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	09	01	80	10	01
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) QUANTITY OR LOADING (40-53)			(4 Card Only) QUALITY OR CONCENTRATION (40-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW	SAMPLE MEASUREMENT		730						0	CONT	REC		
	PERMIT REQUIREMENT	NA	NA	MGD						CONT	REC		
AMBIENT TEMPERATURE	SAMPLE MEASUREMENT		85						0	1/hr	REC		
	PERMIT REQUIREMENT	NA	NA	OF						1/HR.	REC		
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	Not chlorinating							0				
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/7	MULT GR		
CHLORIDE	SAMPLE MEASUREMENT						3.8		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
SODIUM	SAMPLE MEASUREMENT						0.5		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
SULFATE	SAMPLE MEASUREMENT						7.0		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80
TYPED OR PRINTED		AREA CODE		NUMBER		YEAR	MO	DAY					

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

Plant and ERCW intakes presently at same location; flow quantity is maximum value during sampling period. Ambient temp data: (1) are reported as the maximum of the hourly calculated values for the sampling period, (2) will be both temporally and spacially averaged upon completion of the permanent monitor.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450 PERMIT NUMBER
 (27-29) 025 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(29-31) (12-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 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 (64-65)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						4.6	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
TOTAL SETTLEABLE SOLIDS	SAMPLE MEASUREMENT						<0.1	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
TDS	SAMPLE MEASUREMENT						87	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
TOTAL SOLIDS	SAMPLE MEASUREMENT						110	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
AMMONIA NITROGEN	SAMPLE MEASUREMENT						0.85	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
TOTAL COPPER	SAMPLE MEASUREMENT						0.10	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
TOTAL IRON	SAMPLE MEASUREMENT						0.02	0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA		1/30	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. ELASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS: (Reference all attachments here)								857-3173	80	11	28	

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

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

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

Form Approved
 OMB No. 158-R0073

(12-16) TN0026450 (17-19) 025
 PERMIT NUMBER DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR 80 MO 09 DAY 01 TO YEAR 80 MO 10 DAY 01
(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			
TOTAL MANGANESE	SAMPLE MEASUREMENT						<0.02		1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR
TOTAL ZINC	SAMPLE MEASUREMENT						0.01	0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L	1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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		
TYPED OR PRINTED			FTS	857-3173	80	11	28
			AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY ECBUDDAH NUCLEAR PLANT
 LOCATION SOODY, TN 37379

PERMIT NUMBER TN0026450 DISCHARGE NUMBER 001

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	QUANTITY OR LOADING (13 and Only) (14-15)			QUALITY OR CONCENTRATION (14 and Only) (16-17)				NO. EX (18-19)	FREQUENCY OF ANALYSIS (14-15)	SAMPLE TYPE (19-20)
		AVERAGE (14-15)	MAXIMUM (14-15)	UNITS (14-15)	MINIMUM (16-17)	AVERAGE (16-17)	MAXIMUM (16-17)	UNITS (16-17)			
FLOW	SAMPLE MEASUREMENT	0.019	0.025	MGD					0	29/30	WEIR
	PERMIT REQUIREMENT	0.030	NA								1/1
BOD	SAMPLE MEASUREMENT	0.71	0.84	LBS/DAY	4.0	4.5	5.0		0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0		NA	30	45	MG/L			2/30
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	1.1	1.3	LBS/DAY	6.0	7.0	8.0		0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0		NA	30	45	MG/L			2/30
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	27/30	GR
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L			1/1
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.0	1.1	1.3		0	29/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/1
FECAL COLIFORM	SAMPLE MEASUREMENT				910	1,000	1,100		0	2/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML			2/30
pH	SAMPLE MEASUREMENT				7.0		7.8		0	27/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS			1/7
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DAY	
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	11	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO

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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER TN0026450

DISCHARGE NUMBER 001

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(19-21) (22-24) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1) Card Only (16-17)			(2) Card Only (18-25)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				1.9	2.6	3.0		0	27/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA	MG/L		1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
			FTS	857-3173	80	11	28

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-16) TN0026450 (17-19) 302
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(28-29) (22-23) (24-25) (28-29) (28-29) (30-31)

CONSTRUCTION SEWAGE TREATMENT PLANT

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-18)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE (14-15)	MAXIMUM (14-15)	UNITS (14-15)	MINIMUM (16-17)	AVERAGE (16-17)	MAXIMUM (16-17)	UNITS (16-18)			
FLOW	SAMPLE MEASUREMENT	0.003	0.003	MGD					0	28/30	WEIR
	PERMIT REQUIREMENT	0.015	NA								1/1
BOD	SAMPLE MEASUREMENT	0.20	0.30	LBS/ DAY	3.4	7.7	12	MG/L	0	2/30	GR
	PERMIT REQUIREMENT	3.8	5.6		NA	30	45				2/30
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.26	0.43	LBS/ DAY	3.0	10	17	MG/L	0	2/30	GR
	PERMIT REQUIREMENT	3.8	5.6		NA	30	45				2/30
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L	0	26/30	GR
	PERMIT REQUIREMENT				NA	NA	1.0				1/1
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				1.0	1.1	1.2	MG/L	0	28/30	GR
	PERMIT REQUIREMENT				NA	NA	2.0				1/1
FECAL COLIFORM	SAMPLE MEASUREMENT				140	495	1,750	N/100 ML	0	2/30	GR
	PERMIT REQUIREMENT				NA	NA	NA				2/30
pH	SAMPLE MEASUREMENT				7.0		7.8	UNITS	0	26/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0				1/7
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)									
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED											
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				TELEPHONE		DATE			
						FTS 857-3173		80 11 28			
						AREA CODE NUMBER		YEAR MO DAY			

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

Form Approved
OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(17-18)
TN0026450
PERMIT NUMBER

(17-19)
002
DISCHARGE NUMBER

CONSTRUCTION SEWAGE TREATMENT PLANT

MONITORING PERIOD
FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(18-21) (22-25) (26-29) (28-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (38-43)			QUALITY OR CONCENTRATION (44-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE (38-41)	MAXIMUM (42-43)	UNITS (44-45)	MINIMUM (46-47)	AVERAGE (48-51)	MAXIMUM (52-53)			
DISSOLVED OXYGEN	SAMPLE MEASUREMENT				1.8	2.3	2.8	0	26/30	GR
	PERMIT REQUIREMENT				1.0	NA	NA	MG/L	1/1	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 <u>1857-3173</u> AREA CODE NUMBER			80	11	28	YEAR

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. 155-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

12-14) TN0026450 PERMIT NUMBER
 11-19) 003 DISCHARGE NUMBER

SEWAGE TREATMENT PLANT (SAND FILTER)

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	10	01	80	11	01
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (14-15)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE (16-17)	MAXIMUM (18-19)	UNITS (20-21)	MINIMUM (22-23)	AVERAGE (24-25)	MAXIMUM (26-27)	UNITS (28-29)				
FLOW	SAMPLE MEASUREMENT	0.009	0.049	MGD					0	30/31	WEIR	
	PERMIT REQUIREMENT	0.0149	NA								1/1	WEIR
BOD	SAMPLE MEASUREMENT		1.1	LBS/DAY			13		0	1/30	GR	
	PERMIT REQUIREMENT	3.7	5.6		NA	30	45	MG/L			2/30	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT		0.25	LBS/DAY			3		0	1/30	GR	
	PERMIT REQUIREMENT	3.7	5.6		NA	30	45	MG/L			2/30	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				0.1	0.1	0.1		0	1/1	GR	
	PERMIT REQUIREMENT				NA	NA	1.0	ML/L			1/1	GR
CHLORINE RESIDUAL	SAMPLE MEASUREMENT				0.0	0.6	3.0		0	1/1	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			2/30	GR
FECAL COLIFORM	SAMPLE MEASUREMENT						<10		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	N/100 ML			2/30	GR
pH	SAMPLE MEASUREMENT				6.8		7.8		0	1/7	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS			1/7	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	11	28
TYPED OR PRINTED								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. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-76) TN0026450 PERMIT NUMBER
 (27-29) 004 DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-22) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-17)			QUALITY OR CONCENTRATION (18-21)			NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (49-50)
		AVERAGE (14-15)	MAXIMUM (16-17)	UNITS (18-19)	MINIMUM (20-21)	AVERAGE (22-23)	MAXIMUM (24-25)			
FLOW	SAMPLE MEASUREMENT		*	MGD						
	PERMIT REQUIREMENT	NA	NA						1/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					4.1	MG/L	0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT					20.1	ML/L	0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
TURBIDITY	SAMPLE MEASUREMENT					5.0	JTU	0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA		1/7	GR
pH	SAMPLE MEASUREMENT					7.3	UNITS	0	1/30	GR
	PERMIT REQUIREMENT				6.0	NA				
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173 DATE 80 11 28
 AREA CODE NUMBER YEAR MO DAY

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

*FLOW MONITORING WAS UNREPRESENTATIVE. ONLY ONE DISCHARGE 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. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
Chattanooga, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450 (2-19) 005
 PERMIT NUMBER DISCHARGE NUMBER

CONSTRUCTION RUNOFF

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (40-43)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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	857-3173 NUMBER	80 YEAR	11 MO	28 DAY

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

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

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

Form Approved OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER TN0026450 DISCHARGE NUMBER 006
 MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(28-29) (27-29) (24-25) (28-29) (26-29) (19-31)

CONSTRUCTION RUNOFF

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-37)</small>	X	<small>(34 and Daily)</small> <small>(46-53)</small> QUANTITY OR LOADING <small>(54-61)</small>			<small>(47 and Daily)</small> <small>(73-81)</small> QUALITY OR CONCENTRATION <small>(84-91)</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				UNITS	
		NO DISCHARGE										
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. <small>(Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</small>							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							857-3173		80	11	28
COMMENT AND EXPLANATION OF ANY VIOLATIONS <small>(Reference all attachments here)</small>								AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(17-18) TN0026450 (17-19) 007
 PERMIT NUMBER DISCHARGE NUMBER

YARD DRAINAGE POND

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(18-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(11 and Only) (16-15) QUANTITY OR LOADING (14-13)			(4 Card Only) (18-15) QUALITY OR CONCENTRATION (16-11)				NO. EX (12-13)	FREQUENCY OF ANALYSIS (14-15)	SAMPLE TYPE (16-17)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	3.1	4.6						0	5/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD						1/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				2.5	6.0	15		0	5/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/7	GR
SETTLABLE SOLIDS	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	5/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	ML/L		1/7	GR
TURBIDITY	SAMPLE MEASUREMENT				3.1	13	40		0	5/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	JTU		1/7	GR
pH	SAMPLE MEASUREMENT				6.4		7.5		0	5/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]

TELEPHONE: 857-3173
 AREA CODE NUMBER

DATE: 80 11 28
 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. 155-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

(2-18) TN0026450
 PERMIT NUMBER

(2-19) 008
 DISCHARGE NUMBER

CONCRETE BATCH PLANT

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(28-29) (22-23) (24-25) (28-29) (28-29) (29-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (44-47)			QUALITY OR CONCENTRATION (48-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE (44-45)	MAXIMUM (46-47)	UNITS (48-49)	MINIMUM (50-51)	AVERAGE (52-53)	MAXIMUM (54-55)			
FLOW	SAMPLE MEASUREMENT	0.007	0.014					0	5/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD					1/7	GR
OIL AND GREASE	SAMPLE MEASUREMENT					<5		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	20	MG/L	1/30	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				2.8	11	25	0	5/30	GR
	PERMIT REQUIREMENT				NA	NA	50	MG/L	1/7	GR
pH	SAMPLE MEASUREMENT				6.5		7.8	0	5/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS	1/7	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173 AREA CODE NUMBER	80 YEAR	11 MO	28 DAY

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

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOIAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

(2-18) TN0026450 PERMIT NUMBER
 (2-19) 009 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (31)

PREOPERATIONAL METAL CLEANING WASTES

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (40-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT		0.04						0	1/30	CAL	
	PERMIT REQUIREMENT	NA	NA	MGD						1/1	CAL WEIR	
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	8-HR COMP	
	PERMIT REQUIREMENT				NA	15	20	MG/L		1/BATCH	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						4.0		0	1/30	8-HR COMP	
	PERMIT REQUIREMENT				NA	30	100	MG/L		1/BATCH	8-HR COMP	
COPPER	SAMPLE MEASUREMENT						0.01		0	1/30	8-HR COMP	
	PERMIT REQUIREMENT				NA	1.0	1.0	MG/L		1/BATCH	8-HR COMP	
IRON	SAMPLE MEASUREMENT						0.47		0	1/30	8-HR COMP	
	PERMIT REQUIREMENT				NA	1.0	1.0	MG/L		1/BATCH	8-HR COMP	
PHOSPHORUS	SAMPLE MEASUREMENT						0.07		0	1/30	8-HR COMP	
	PERMIT REQUIREMENT				NA	1.0	1.0	MG/L		1/BATCH	8-HR COMP	
COD	SAMPLE MEASUREMENT									*		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/BATCH	8-HR COMP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173	80
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)				AREA CODE	NUMBER	YEAR	MO	DAY				

*There was no discharge of wastes which required COD monitoring.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

TN0026450
 PERMIT NUMBER

010
 DISCHARGE NUMBER

STATION SUMP

MONITORING PERIOD
 FROM

YEAR	MO	DAY
80	10	01

 TO

YEAR	MO	DAY
80	11	01

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

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	X	(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (54-61)	AVERAGE (54-61)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	2.03	9.7	MGD				0	9/30	CAL
	PERMIT REQUIREMENT	NA	NA							CONT
OIL AND GREASE	SAMPLE MEASUREMENT	25.6	45	Kg/DAY	45.0	6.7	9.9	7*	9/30	GR
	PERMIT REQUIREMENT	11.9	15.9		NA	15	20			
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	66	260	Kg/DAY	1.6	19	86	2*	9/30	GR
	PERMIT REQUIREMENT	23.8	79.5		NA	30	100			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
Total Suspended Solids	SAMPLE MEASUREMENT				4.2	31	77	0	16/30	COMP
	PERMIT REQUIREMENT				NA	30	100			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: FTS 857-3173
 DATE: 80 11 28
AREA CODE NUMBER YEAR MO DAY

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

A NONCOMPLIANCE STATEMENT WAS SUBMITTED ON JULY 18, 1979, EXPLAINING THE VIOLATIONS. A PERMIT MODIFICATION WAS REQUESTED ON OCTOBER 13, 1979.

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

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

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

Form Approved
 OMB No. 158-R0073

(12-16) TN0026450 PERMIT NUMBER
 (17-19) 012 DISCHARGE NUMBER

COOLING TOWER BLOWDOWN

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-17)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE (14-15)	MAXIMUM (14-15)	UNITS (14-15)	MINIMUM (16-17)	AVERAGE (16-17)	MAXIMUM (16-17)			
FLOW	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT	NA	NA	MGD					CONT*	REC*
pH	SAMPLE MEASUREMENT				7.4		7.6	0	5/30	GR
	PERMIT REQUIREMENT				6.0	NA	9.0		1/7	GR
BORON	SAMPLE MEASUREMENT				0.21	2.9	7.8	0	3/30	GR
	PERMIT REQUIREMENT				NA	NA	14.0		1/1	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>MA</i>	TELEPHONE FTS <u>857-3173</u> AREA CODE NUMBER	DATE <u>80</u> <u>11</u> <u>28</u> YEAR MO DAY
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

*NOT APPLICABLE IN OPEN OR HELPER MODE.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER TN0026450
 DISCHARGE NUMBER 013

RECYCLED COOLING WATER

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(33 and Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (78-85) QUALITY OR CONCENTRATION (86-93)			NO. EX (82-83)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-76)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
	SAMPLE MEASUREMENT		*									
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								857-3173		80	11	28
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here.)								AREA CODE	NUMBER	YEAR	MO	DAY

*THE ONLY DISCHARGE WAS A SMALL AMOUNT OF GATE LEAKAGE. THEREFORE, NO SAMPLES WERE COLLECTED.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SOBDDY, TN 37379

(2-16)
 TNO026450
 PERMIT NUMBER

(17-19)
 014
 DISCHARGE NUMBER

CONDENSATE DEMINERALIZER REGENERATION WASTE, HIGH CONDUCTIVITY, LOW CRUD

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (31 and Only) (40-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.025	0.033	MGD				0	10 BATCHES	CAL.
	PERMIT REQUIREMENT	NA	NA							
OIL AND GREASE	SAMPLE MEASUREMENT	<0.35	<0.41	Kg/DAY	<5.0	<5.3	<7.1	0	10 BATCHES	GR
	PERMIT REQUIREMENT	1.6	2.2		NA	15	20			
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	21.7	191.5	Kg/DAY	1.8	584	5,496	2	10 BATCHES	GR
	PERMIT REQUIREMENT	3.3	11.0		NA	30	100			
pH	SAMPLE MEASUREMENT				6.8		8.9	0	10 BATCHES	GR
	PERMIT REQUIREMENT				6.0	NA	9.0			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173
 DATE: 80 11 28
 AREA CODE NUMBER YEAR MO DAY

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

The causes and mitigative actions taken for these noncompliances were discussed in a September 23, 1980, letter from Mohamed T. El-Ashry to Sanford W. Harvey, Jr.

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

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

Form Approved OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

TN0026450
 PERMIT NUMBER

015
 DISCHARGE NUMBER

CONDENSATE DEMINERALIZER REGENERATION WASTE, LOW CONDUCTIVITY, HIGH CRIT

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-21) (24-21) (26-27) (28-28) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (44-53)			QUALITY OR CONCENTRATION (54-63)				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	0.079	MGD					0	14 BATCH	CAL	
	PERMIT REQUIREMENT	NA	NA								1/BATCH	CAL.
OIL AND GREASE	SAMPLE MEASUREMENT	<0.39	<0.52	Kg/DAY	<5.0	<5.3	<8.86		0	14 BATCH	GR	
	PERMIT REQUIREMENT	3.4	4.5		NA	15	20	MG/L			1/BATCH	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	4.54	11.3	Kg/DAY	11	61	154		2	14 BATCH	GR	
	PERMIT REQUIREMENT	6.8	23.0		NA	30	100	MG/L			1/BATCH	GR
pH	SAMPLE MEASUREMENT				6.0		8.9		0	14 BATCH	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/PATCH	GR	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE	
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS	857-3173
TYPED OR PRINTED				AREA CODE	NUMBER	YEAR	MO	DAY				
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

The causes and mitigative actions taken for these noncompliances were discussed in a September 23, 1980, letter from Mohamed T. El-Ashry to Sanford W. Harvey, Jr.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450 (2-17) 016
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(29-31) (12-23) (24-25) (26-27) (28-29) (30-31)

LIQUID RADWASTE

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) (14-15) QUANTITY OR LOADING (14-61)			(4 Card Only) (18-45) QUALITY OR CONCENTRATION (18-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT	0.031	0.081	MGD					0	23 BATCHES	GR	
	PERMIT REQUIREMENT	NA	NA								1/BATCH	GR
OIL AND GREASE	SAMPLE MEASUREMENT				5.0	5.2	9.0		0	23 BATCHES	GR	
	PERMIT REQUIREMENT				NA	NA	20	MG/L		1/BATCH	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				3.6	9.0	30		0	23 BATCHES	GR	
	PERMIT REQUIREMENT				NA	NA	30	MG/L		1/BATCH	GR	
pH	SAMPLE MEASUREMENT				4.3		8.1		0	23 BATCHES	GR	
	PERMIT REQUIREMENT				NA	NA	NA	UNITS		1/BATCH	GR	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173 NUMBER	80 YEAR
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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

PERMIT NUMBER
TN0026450

WASTE WATER TREATMENT PLANT IDENTIFICATION NUMBER
017

OFFICE BUILDING SUMP 1

MONITORING PERIOD
 FROM 80 10 01 TO 80 11 01
(28-21) (22-21) (24-25) (28-21) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(33 and Only) (46-53) QUANTITY OR LOADING (54-61)			(34 and Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. OF SAMPLES (62-63)	FREQUENCY OF SAMPLES (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
		NO DISCHARGE										
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						857-3173		80 11 28				

PERMITTEE NAME/ADDRESS (include
City Name; Location if different)

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

Form Approved
OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
FACILITY SEQUOYAH NUCLEAR PLANT
LOCATION SODDY, TN 37379

(12-16) TN0026450 (17-18) 018
PERMIT NUMBER DISCHARGE NUMBER

OFFICE BUILDING SUMP 2

MONITORING PERIOD
FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(11 and 14 only) (46-51) QUANTITY OR LOADING (54-61)			(14 Card Only) (50-65) 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				
		NO DISCHARGE										
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS 857-3173 AREA CODE NUMBER		80
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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

TN0026450
 PERMIT NUMBER

019
 DISCHARGE NUMBER

SERVICE BUILDING SUMP

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
80	10	01	80	11	01
(28-21)	(22-21)	(24-25)	(28-21)	(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 (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.0001	0.0002						0	8/30	GR
	PERMIT REQUIREMENT	NA	NA	MGD						2/7	GR OR P. LOG
OIL AND GREASE	SAMPLE MEASUREMENT				< 5.0	< 26.9	147		1	8/30	GR
	PERMIT REQUIREMENT				NA	15	20	MG/L		2/7	GR
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				10	42	90		0	8/30	GR
	PERMIT REQUIREMENT				NA	30	100	MG/L		2/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 MOHAMED T. EL-ASHRY
 DIRECTOR OF ENV. QUAL.
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173
 DATE: 80 11 28

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

A NONCOMPLIANCE STATEMENT WAS SUBMITTED ON NOVEMBER 17, 1980.

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

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

Form Approved OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 HOI BUILDING
CHATTANOOGA, TN 37401
 FACILITY SQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(12-16) TW0026450 (17-18) 020
 PERMIT NUMBER DISCHARGE NUMBER

DIESEL GENERATING BUILDING

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
FLOW	SAMPLE MEASUREMENT		*								
	PERMIT REQUIREMENT	NA	NA	MGD					2/7	GR	
OIL AND GREASE	SAMPLE MEASUREMENT				<5.0	<6.2	15		0	9/30	GR
	PERMIT REQUIREMENT				NA	15	20	MG/L	2/7	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT				1.8	10	40		0	9/30	GR
	PERMIT REQUIREMENT				NA	30	100	MG/L	2/7	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be 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
			857-3173	90	11	28	

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

*FLOW MONITORING WAS UNREPRESENTATIVE.

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHASTANCOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION RODDY, TN 37379

(2-16) TN0026450 (17-19) 021
 PERMIT NUMBER DISCHARGE NUMBER

SODIUM HYPOCHLORITE BUILDING FLOOR AND EQUIPMENT DRAINS

MONITORING PERIOD
 FROM 80 10 01 TO 80 11 01
 (28-21) (22-21) (24-21) (28-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(33 and Only) QUANTITY OR LOADING (46-51)			(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			
SAMPLE MEASUREMENT		NO DISCHARGE									
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
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PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE:		DATE			
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FPS AREA CODE	857-3173	NUMBER	80
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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION RODDY, TN 37379

(2-14) TN0026450 (17-19) 023
 PERMIT NUMBER DISCHARGE NUMBER

STEAM GENERATOR BLOWDOWN TO COOLING
TOWER BLOWDOWN LINE

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	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 (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
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	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	TELEPHONE		DATE		
			PTS AREA CODE	NUMBER	YEAR	MO	DAY
			857-3173	80	11	28	

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

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

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

Form Approved
OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 263 401 BUILDING
CHAFFANOCGA, TN 37401
FACILITY SENOYAH NUCLEAR PLANT
LOCATION BODDY, TN 37379

(2-18) TN0026450 (17-19) 024
PERMIT NUMBER DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (40-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (66-73)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT	411	430						0	30/30	REC	
	PERMIT REQUIREMENT	NA	NA	MGD						CONT	REC	
DISCHARGE TEMPERATURE (OPEN MODE)	SAMPLE MEASUREMENT		74						0	CONT	REC	
	PERMIT REQUIREMENT	NA	112.5	°F						CONT	REC	
DOWNSTREAM TEMPERATURE	SAMPLE MEASUREMENT		75						0	CONT	REC	
	PERMIT REQUIREMENT	NA	86.9	°F						CONT	REC	
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT		1.9						0	CONT	REC	
	PERMIT REQUIREMENT	NA	5.4	°F						CONT	REC	
RESERVOIR TEMPERATURE RATE OF RISE	SAMPLE MEASUREMENT		0.59						0	CONT	REC	
	PERMIT REQUIREMENT	NA	3.6	°F/HR.						CONT	REC	
pH	SAMPLE MEASUREMENT				6.6		7.5		0	30/30	GR	
	PERMIT REQUIREMENT				6.0	NA	9.0	UNITS		1/1	GR	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	NOT CHLORINATED										
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L		CONT	REC	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	11	28	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Refer to all attachments here)								AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHAUNOOGA, TN 37401
 FACILITY BEGUOYAH NUCLEAR PLANT
 LOCATION BODDY, TN 37379

12-16) TN0026450 17-19) 024
 PERMIT NUMBER DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD
 FROM 80 10 01 TO 80 11 01
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
MANUAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		0	28/30	MULT GR	
	PERMIT REQUIREMENT				NA	NA	0.1	MG/L		1/7	MULT GR	
CHLORIDE	SAMPLE MEASUREMENT						3.2		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
SODIUM	SAMPLE MEASUREMENT						0.41		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
SULFATE	SAMPLE MEASUREMENT						3.5		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						<1.0		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR	
TOTAL SETTLEABLE SOLIDS	SAMPLE MEASUREMENT						<0.1		0	1/30	GR	
	PERMIT REQUIREMENT				NA	NA	NA	ML/L		1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	11	28
TYPED OR PRINTED								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. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450
 PERMIT NUMBER

(17-19) 024
 DISCHARGE NUMBER

DIFFUSER GATE

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
80	10	01		80	11	01
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	X	(33 and Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (18-45) 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				
TOTAL DISSOLVED SOLIDS	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL SOLIDS	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
AMMONIA NITROGEN	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL COPPER	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL IRON	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL MANGANESE	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL ZINC	SAMPLE MEASUREMENT									0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							857-3173		80	11	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

PERMITTEE NAME, ADDRESS (include Facility Name, Location & Address)

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

Form Approved
OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
ADDRESS 26401 BUILDING
CHATTANOOGA, TN
FACILITY SECURITY NUCLEAR PLANT
LOCATION BODDY, TN 37379

PERMIT NUMBER TN0026450 DISCHARGE NUMBER 024

DIFFUSER GATE

MONITORING PERIOD
FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(18-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	QUANTITY OR LOADING (14-17)			QUALITY OR CONCENTRATION (18-21)				NO. EX (22-23)	FREQUENCY OF ANALYSIS (24-25)	SAMPLE TYPE (26-27)
		AVERAGE (14-15)	MAXIMUM (16-17)	UNITS (18-19)	MINIMUM (20-21)	AVERAGE (22-23)	MAXIMUM (24-25)	UNITS (26-27)			
BORON	SAMPLE MEASUREMENT				0.15	0.32	0.46	mg/l	0	3/30	GR
	PERMIT REQUIREMENT				NA	NA	1.1			1/1	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MOHAMED T. EL-ASHRY
DIRECTOR OF ENV. QUAL.
TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 857-3173 DATE 80 11 28
AREA CODE NUMBER YEAR MO DAY

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

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

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

Form Approved OMB No. 158-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SENOYAH NUCLEAR PLANT
 LOCATION SOODY, TN 37379

(7-16) TWO026450
 PERMIT NUMBER

(7-19) 025
 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 28
(26-27) (28-29) (30-31) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (17-18)	X	(11 Card Only) (14-13) QUANTITY OR LOADING (14-12)			(14 Card Only) (18-15) QUALITY OR CONCENTRATION (14-11)				NL-EX (16-15)	FREQUENCY OF ANALYSIS (16-12)	SAMPLE TYPE (16-10)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW	SAMPLE MEASUREMENT	570	570	MGD					0	CONT	REC		
	PERMIT REQUIREMENT	NA	NA								CONT.	REC.	
AMBIENT TEMPERATURE	SAMPLE MEASUREMENT		75	OF					0	30/30	REC		
	PERMIT REQUIREMENT	NA	NA								1/HR.	REC.	
CHLORINE RESIDUAL	SAMPLE MEASUREMENT	NOT CHLORINATED							0				
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/7	MULT. GR		
CHLORIDE	SAMPLE MEASUREMENT						4.3		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
OIL AND GREASE	SAMPLE MEASUREMENT						<5.0		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
SODIUM	SAMPLE MEASUREMENT						0.41		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
SULFATE	SAMPLE MEASUREMENT						7.0		0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 USC § 1001 AND 33 USC § 1319. <i>Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.</i>							TELEPHONE		DATE		
MOHAMED T. EL-ASHRY DIRECTOR OF ENV. QUAL. TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	NUMBER

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

PLANT AND ERCW INTAKES PRESENTLY AT SAME LOCATION; FLOW QUANTITY IS MAXIMUM VALUE DURING SAMPLING PERIOD. AMBIENT TEMPERATURE DATA: (1) ARE REPORTED AS THE MAXIMUM OF THE HOURLY CALCULATED VALUES FOR THE SAMPLING PERIOD, AND (2) WILL BE BOTH TEMPORARILY AND SPATIALLY AVERAGED UPON COMPLETION OF THE PERMANENT MONITOR.

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

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

Form Approved OMB No. 155-R-0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

(2-16) TN0026450
 PERMIT NUMBER

(27-15) 025
 DISCHARGE NUMBER

PLANT AND ERCW INTAKES

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 80	10	01	TO 80	11	01
(28-21)	(22-21)	(24-25)	(28-21)	(28-28)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(31 and 34a) (36-41) QUANTITY OR LOADING			(4 Card Only) (38-45) QUALITY OR CONCENTRATION				NO. EX. (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
TOTAL SETTLEABLE SOLIDS	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	ML/L		1/30	GR		
TOTAL DISSOLVED SOLIDS	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
TOTAL SOLIDS	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
AMMONIA NITROGEN	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
TOTAL COPPER	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
TOTAL IRON	SAMPLE MEASUREMENT								0	1/30	GR		
	PERMIT REQUIREMENT				NA	NA	NA	MG/L		1/30	GR		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE			
<u>MOHAMED T. EL-ASHRY</u> DIRECTOR OF ENV. QUAL.	TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS 857-3173		80 11 28	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								AREA CODE NUMBER		YEAR MO DAY			

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

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

Form Approved OMB No. 158-R0073

NAME TENNESSEE VALLEY AUTHORITY
 ADDRESS 268 401 BUILDING
CHATTANOOGA, TN 37401
 FACILITY SEQUOYAH NUCLEAR PLANT
 LOCATION SODDY, TN 37379

PERMIT NUMBER
TN0026450

DISCHARGE NUMBER
025

PLANT AND ERCW INTAKES

MONITORING PERIOD
 FROM YEAR 80 MO 10 DAY 01 TO YEAR 80 MO 11 DAY 01
(1-21) (12-21) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	QUANTITY OR LOADING (14-17)			QUALITY OR CONCENTRATION (18-21)				NO. EX (32-33)	FREQUENCY OF ANALYSIS (34-35)	SAMPLE TYPE (36-38)	
		AVERAGE (14-15)	MAXIMUM (16-17)	UNITS (18)	MINIMUM (19-20)	AVERAGE (21-22)	MAXIMUM (23-24)	UNITS (25)				
TOTAL MANGANESE	SAMPLE MEASUREMENT							0.05		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
TOTAL ZINC	SAMPLE MEASUREMENT							0.01		0	1/30	GR
	PERMIT REQUIREMENT				NA	NA	NA	MG/L			1/30	GR
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>MOHAMED T. EL-ASHRY</u> <u>DIRECTOR OF ENV. QUAL.</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J</i>	TELEPHONE FTS <u>857-3173</u> AREA CODE NUMBER	DATE <u>80</u> <u>11</u> <u>28</u> YEAR MO DAY
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)