

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

TNC026450
 PERMIT NUMBER

001
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	05	01	80	06	01	
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	0.021	0.021	mgd					0	22/30	Weir
	PERMIT REQUIREMENT	0.030	NA							1/1	Weir
BOD ₅	SAMPLE MEASUREMENT	0.9	1.4	lbs/day	3.4	7.7	12	mg/l	0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR
Total Suspended Solids	SAMPLE MEASUREMENT	2.1	2.4	lbs/day	16	18	21	mg/l	0	2/30	GR
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	20/30	GR
	PERMIT REQUIREMENT					NA	1.0			1/1	GR
Chlorine Residual	SAMPLE MEASUREMENT				0.04	1.4	1.5	mg/l	0	22/30	GR
	PERMIT REQUIREMENT					NA	2.0			1/1	GR
Fecal Coliform	SAMPLE MEASUREMENT				<10	<10	<10	N/100 ml	0	2/30	GR
	PERMIT REQUIREMENT					NA	NA			2/30	GR
pH	SAMPLE MEASUREMENT				7.0		7.8	units	0	20/30	CR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR

R
8009030397

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Mohamed T. El-Ashry
 Director of ENV. Quality
 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.)

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

TELEPHONE	DATE
FTS 857-3173	80 08 28
AREA CODE NUMBER	YEAR MO DAY

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

THIS DOCUMENT CONTAINS POOR QUALITY PAGES

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

TN0026450
 PERMIT NUMBER

001
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Dissolved Oxygen	SAMPLE MEASUREMENT				2.0	2.4	3.1	mg/l	0	20/30	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										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80	08

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

002
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	01
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	X	QUANTITY OR LOADING (14-61)			QUALITY OR CONCENTRATION (14-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)				
Flow	SAMPLE MEASUREMENT	0.003	0.003	mgd					0	23/30	Weir	
	PERMIT REQUIREMENT	0.015	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT	0.6	1.2	lbs/day	2.4	26	50	mg/l	1*	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	0.8	1.6	lbs/day	3.0	33	63	mg/l	1*	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	21/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				0.1	1.2	1.5	mg/l	0	23/30	GR	
	PERMIT REQUIREMENT					NA	2.0			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				<10	<10	<10	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				7.0		7.8	units	0	21/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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 19 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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS AREA CODE	857-3173 NUMBER	80 YEAR	08 MO	28 DAY

COMMENT AND EXPLANATION OF ANY VIOLATION* (Reference all attachments here)

* A noncompliance statement was submitted on May 23, 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-R0073

NAME Tennessee Valley Authority
 ADDRESS 268 401 Building
Chattanooga, TN 37401

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

Construction Sewage Treatment Plant

FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

MONITORING PERIOD
 FROM YEAR 80 MO 05 DAY 01 TO YEAR 80 MO 05 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>	X	<small>(1-3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(46-53)</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			
Dissolved Oxygen	SAMPLE MEASUREMENT				2.0	2.4	2.9	mg/l	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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry
Director of ENV. Quality
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: ELUNE

TELEPHONE: FTS 857-3173
AREA CODE NUMBER

DATE: 80 08 28
YEAR MO DAY

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

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

TN0026450
 PERMIT NUMBER

003
 DISCHARGE NUMBER

Sewage Treatment Plant
 (Sand Filter)

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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) 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			
Flow	SAMPLE MEASUREMENT	0.0166	0.0618	mgd					0	31/30	Weir
	PERMIT REQUIREMENT	0.0149	NA							1/1	Weir
BOD ₅	SAMPLE MEASUREMENT	6.3	8.9	lbs/day	34	55	76	mg/l	2*	2/30	GR
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR
Total Suspended Solids	SAMPLE MEASUREMENT	1.6	3.1	lbs/day	<1.0	<14	27	mg/l	0	2/30	GR
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	31/30	GR
	PERMIT REQUIREMENT					NA	1.0			1/1	GR
Chlorine Residual	SAMPLE MEASUREMENT				0.1	0.5	1.4	mg/l	0	31/30	GR
	PERMIT REQUIREMENT					NA	NA			1/1	GR
Fecal Coliform	SAMPLE MEASUREMENT				<10	141	>2,000	N/100 ml	0	2/30	GR
	PERMIT REQUIREMENT					NA	NA			2/30	GR
pH	SAMPLE MEASUREMENT				6.7		7.0	units	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			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 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	
Named T. El-Ashry Director of ENV. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173 AREA CODE NUMBER	80 08 28 YEAR MO DAY		

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

* A noncompliance statement was submitted on June 10, 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-R0073

NAME **Tennessee Valley Authority**
 ADDRESS **268 401 Building**
Chattanooga, TN 37401
 FACILITY **Sequoyah Nuclear Plant**
 LOCATION **Soddy, TN 37379**

(2-16) **TN0026450** (17-19) **004**
 PERMIT NUMBER DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD
 FROM **80 05 01** TO **80 06 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 (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SAMPLE MEASUREMENT		NO DISCHARGE								
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
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SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: **Mohamed T. El-Ashry**
 Director of ENV. Quality
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *El-Ashry*

TELEPHONE: **857-3173**
 DATE: **80 08 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 Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

(2-16) TN0026450 (17-19) 005
 PERMIT NUMBER DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD
 FROM 80 05 01 TO 80 06 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 & 4 Only) QUANTITY OR LOADING (46-53)			(4 & 5 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											
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SAMPLE MEASUREMENT											
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SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry
 Director of ENV. Quality
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: CLM

TELEPHONE: FTS 857-3173
 AREA CODE NUMBER

DATE: 80 08 28
 YEAR MO DAY

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

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

TN0026450
 PERMIT NUMBER

006
 DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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			
		NO DISCHARGE								
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
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	PERMIT REQUIREMENT									
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Mohamed T. El-Ashry Director of ENV. Quality 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		

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
007
DISCHARGE NUMBER

Yard Drainage Pond

MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
FROM 80 05 01 TO 80 06 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	16	25	mgd					0	4/30	GR	
	PERMIT REQUIREMENT	NA	NA							1/7	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				3.0	11	22	mg/l	0	4/30	GR	
	PERMIT REQUIREMENT					NA	NA			1/7	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	4/30	GR	
	PERMIT REQUIREMENT					NA	NA			1/7	GR	
Turbidity	SAMPLE MEASUREMENT				3.8	8.5	14	JTU	0	4/30	GR	
	PERMIT REQUIREMENT					NA	NA			1/7	GR	
pH	SAMPLE MEASUREMENT				7.4		7.7	units	0	4/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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. Quality 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				

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

008
 DISCHARGE NUMBER

Concrete Batch Plant

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	05	01	TO	80	06	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 (33 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	0.007	0.010	mgd					0	2/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT					NA	20			1/30	GR
Total Suspended Solids	SAMPLE MEASUREMENT				7.0	10	13	mg/l	0	4/30	GR
	PERMIT REQUIREMENT					NA	50			1/7	GR
pH	SAMPLE MEASUREMENT				6.1		7.6	units	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173 NUMBER	80 YEAR	08 MO

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

No representative flows available for two weeks.

NAME • Tennessee Valley Authority
 ADDRESS 268 401 Building
 Chattanooga, TN 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

TN0026450
 PERMIT NUMBER

009
 DISCHARGE NUMBER

Preoperational Metal Cleaning Wastes

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 Only) QUANTITY OR LOADING (14-17)			(4 Card Only) QUALITY OR CONCENTRATION (18-21)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (67-70)	
		AVERAGE (14-15)	MAXIMUM (16-17)	UNITS (18-19)	MINIMUM (18-19)	AVERAGE (20-21)	MAXIMUM (22-23)				UNITS (24-25)
Flow	SAMPLE MEASUREMENT		4.34	mgd				0	1/30	Weir	
	PERMIT REQUIREMENT	NA	NA						1/1	Weir	
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	2/batch GR	
	PERMIT REQUIREMENT					15	20			1/batch GR	
Total Suspended Solids	SAMPLE MEASUREMENT				5.0	5.5	6.0	mg/l	0	2/batch 8-hr Comp	
	PERMIT REQUIREMENT					30	100			1/batch 8-hr Comp	
Copper	SAMPLE MEASUREMENT				0.04	0.05	0.06	mg/l	0	2/batch 8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch 8-hr Comp	
Iron	SAMPLE MEASUREMENT				0.48	0.49	0.50	mg/l	0	2/batch 8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch 8-hr Comp	
Phosphorus	SAMPLE MEASUREMENT				0.06	0.07	0.08	mg/l	0	2/batch 8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch 8-hr Comp	
COD	SAMPLE MEASUREMENT	No discharge of organic acid wastes this month.									
	PERMIT REQUIREMENT					NA	100	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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						FTS AREA CODE	857-3173	80	08	28

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

There was only one batch discharged this month.

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					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	01
(20-27)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (79-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	1.96	2.0	mgd					0	9/30	Cal
	PERMIT REQUIREMENT	NA	NA							Cont	P. Log
Oil and Grease	SAMPLE MEASUREMENT	<44	<85	kg/day	<5.0	<6.1	9.0	mg/l	9*	9/30	GR
	PERMIT REQUIREMENT	11.9	15.9			15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT	122	300	kg/day	4.0	20	57	mg/l	4*	9/30	GR
	PERMIT REQUIREMENT	23.8	79.5			30	100			2/7	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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	08

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

* Noncompliance letters were sent to EPA on July 18 and November 9, 1979, explaining the violations. A permit modification was requested on October 13, 1979.

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

(2-16)
 TNO026450
 PERMIT NUMBER

(17-19)
 012
 DISCHARGE NUMBER

Cooling Tower Blowdown

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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			
Flow	SAMPLE MEASUREMENT			mgd						*	
	PERMIT REQUIREMENT	NA	NA							Cont	Rec
pH	SAMPLE MEASUREMENT				7.1		7.9		0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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. Quality TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

*Flow monitoring is not required except during closed-mode operation.

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-R-0073

(2-16)
 TN0027740
 PERMIT NUMBER

(17-19)
 013
 DISCHARGE NUMBER

Recycled Cooling Water

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
80	05	01	TO	80	06	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 (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
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										
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mohamed T. El-Ashry Director of ENV. Quality 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>CME</i>	TELEPHONE		DATE		
			FTS AREA CODE	857-3173 NUMBER	80 YEAR	08 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

(2-16)
 TNO026450
 PERMIT NUMBER

(17-19)
 014
 DISCHARGE NUMBER

Condensate Demineralizer Regeneration Waste, High Conductivity, Low Crud

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	01
(20-21)	(22-31)	(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	UNITS				
Flow	SAMPLE MEASUREMENT	0.0088	0.0170	mgd					0	25 batches	Calc.	
	PERMIT REQUIREMENT	NA	NA							1/ batch	Calc.	
Oil and Grease	SAMPLE MEASUREMENT	<0.16	0.37	kg / day	<5.0	<5.0	5.8	mg/l	0	25 batches	GR	
	PERMIT REQUIREMENT	1.6	2.2			15	20			1/ batch	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	1.7	11	kg / day	7.5	50	330	mg/l	2*	25 batches	GR	
	PERMIT REQUIREMENT	3.3	11.0			30	100			1/ batch	GR	
pH	SAMPLE MEASUREMENT				6.0		9.0	units	0	25 batches	GR	
	PERMIT REQUIREMENT				6.0		9.0			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 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. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	08	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

* All discharges diverted to turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

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)

(2-18) (17-19)

TN0026450
 PERMIT NUMBER

015
 DISCHARGE NUMBER

Form Approved
 OMB No. 158-R0073

Condensate Demineralizer Regeneration Waste, Low Conductivity, High Crud

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 (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	0.014	0.018	mgd					0	18 batches	Cal.	
	PERMIT REQUIREMENT	NA	NA							1/batch	Cal	
Oil and Grease	SAMPLE MEASUREMENT	<0.36	1.7	kg / day	<5.0	<6.6	28	mg/l	1*	18 batches	GR	
	PERMIT REQUIREMENT	3.4	4.5			15	20			1/batch	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	3.3	11	kg / day	4.1	67	170	mg/l	3*	18 batches	GR	
	PERMIT REQUIREMENT	6.8	23.0			30	100			1/batch	GR	
pH	SAMPLE MEASUREMENT				6.9		9.0	units	0	18 batches	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	08	28	
								AREA CODE	NUMBER	YEAR	MO	DAY

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

* All discharges diverted to turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

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

016
 DISCHARGE NUMBER

Liquid Radwaste

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	05	01		80	06	01
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	X	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (40-51)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (54-61)			
Flow	SAMPLE MEASUREMENT	0.015	0.022	mgd				0	39 batches	GR
	PERMIT REQUIREMENT		NA						1/ batch	GR
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	8.0	0	39 batches	GR
	PERMIT REQUIREMENT						20		1/ batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT				<1.0	10	24	0	39 batches	GR
	PERMIT REQUIREMENT						30		1/ batch	GR
pH	SAMPLE MEASUREMENT				5.8		7.9	0	39 batches	GR
	PERMIT REQUIREMENT				NA		NA		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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
Mohamed T. El-Ashry Director of ENV. Quality TYPED OR PRINTED			FTS 857-3173	80	08	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-R-0073

NAME Tennessee Valley Authority
ADDRESS 268 401 Building
Chattanooga, TN 37401
FACILITY Sequoyah Nuclear Plant
LOCATION Soldy, TN 37379

TN0026450
PERMIT NUMBER

017
DISCHARGE NUMBER

Office Building Sump 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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) (58-65) QUALITY OR CONCENTRATION (66-73)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Mohamed T. El-Ashry</u> <u>Director of ENV. Quality</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 PTS 857-3173	DATE 80 08 28		
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)				AREA CODE NUMBER	YEAR	MO

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

018
 DISCHARGE NUMBER

Office Building Sump 2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 (33-34 Only) (46-53)			QUALITY OR CONCENTRATION (35-36 Only) (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	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									

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80 YEAR	08 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

TNO026450 (17-18) 019 (17-19)
 PERMIT NUMBER DISCHARGE NUMBER

Service Building Sump

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow	SAMPLE MEASUREMENT	0.0007	0.0013	mgd				0	3/30	GR	
	PERMIT REQUIREMENT	NA	NA						2/7	GR or P. Log	
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	3/30	GR
	PERMIT REQUIREMENT					15	20		2/7	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				21	26	35	mg/l	0	3/30	GR
	PERMIT REQUIREMENT					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	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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173 NUMBER	80 YEAR	08 MO

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

No discharge for 3 weeks 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-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) 020 DISCHARGE NUMBER

Diesel Generating Building

MONITORING PERIOD
 FROM YEAR 80 MO 05 DAY 01 TO YEAR 80 MO 06 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 (40-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT			mgd						*	
	PERMIT REQUIREMENT	NA	NA							2/7	GR
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT				3.1	5.9	10	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					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	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. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	08	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO

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

(2-16) TN0026450 PERMIT NUMBER	(17-19) 021 DISCHARGE NUMBER
MONITORING PERIOD	
FROM	TO
YEAR MO DAY 80 05 01 <small>(20-21) (22-23) (24-25)</small>	YEAR MO DAY 80 06 01 <small>(26-27) (28-29) (30-31)</small>

Sodium Hypochlorite Building Floor and Equipment Drains

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SAMPLE MEASUREMENT	X	NO DISCHARGE									
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
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SAMPLE MEASUREMENT											
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PERMIT REQUIREMENT											
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Mohamed T. El-Ashry</u> <u>Director of ENV. Quality</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	80	08	28
		AREA CODE	NUMBER	YEAR	MO	DAY

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

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 05 DAY 01 TO YEAR 80 MO 06 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 (67-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
Flow	SAMPLE MEASUREMENT	496	750	mgd					0	26/30	Rec		
	PERMIT REQUIREMENT	NA	NA							Cont	Rec		
Discharge Temperature (Open Mode)	SAMPLE MEASUREMENT		78	°F					0	29/30	Rec		
	PERMIT REQUIREMENT	NA	112.5							Cont	Rec		
Downstream Temperature	SAMPLE MEASUREMENT		74	°F					0	29/30	Rec		
	PERMIT REQUIREMENT	NA	86.9							Cont	Rec		
Reservoir Temperature Rise	SAMPLE MEASUREMENT		0.36	°F					0	29/30	Rec		
	PERMIT REQUIREMENT	NA	5.6							Cont	Rec		
Reservoir Temperature Rate of Rise	SAMPLE MEASUREMENT		0.54	°F/hr.					0	29/30	Rec		
	PERMIT REQUIREMENT	NA	3.6							Cont	Rec		
pH	SAMPLE MEASUREMENT				6.5		7.9	units	0	31/30	GR		
	PERMIT REQUIREMENT				6.0		9.0			1/1	GR		
Instrumental Chlorine Residual	SAMPLE MEASUREMENT						*	mg/l					
	PERMIT REQUIREMENT						0.1			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. Quality 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)

* Monitor not in service.

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					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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 (54-61)			QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FR. QUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE (33-34)	MAXIMUM (35-36)	UNITS (37-38)	MINIMUM (39-40)	AVERAGE (41-42)	MAXIMUM (43-44)	UNITS (45-46)				
Manual Chlorine Residual	SAMPLE MEASUREMENT				<0.01	<0.01	<0.01	mg/l	0	12/30	Mult GR	
	PERMIT REQUIREMENT						0.1			1/1	Mult GR	
Chloride	SAMPLE MEASUREMENT						3.5	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Sodium	SAMPLE MEASUREMENT						8.1	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Sulfate	SAMPLE MEASUREMENT						28	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT						110	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Settleable Solids	SAMPLE MEASUREMENT						<0.1	ml/l	0	1/30	GR	
	PERMIT REQUIREMENT						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. El-Ashry Director of ENV. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	08	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

Only chlorinated for 3 days this month.

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	05	01		80	06	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) QUANTITY OR LOADING (46-61)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
TDS	SAMPLE MEASUREMENT							100	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Solids	SAMPLE MEASUREMENT							100	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Ammonia Nitrogen	SAMPLE MEASUREMENT							1.2	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Copper	SAMPLE MEASUREMENT							<0.005	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Iron	SAMPLE MEASUREMENT							<0.03	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Manganese	SAMPLE MEASUREMENT							0.006	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Zinc	SAMPLE MEASUREMENT							0.02	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							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. El-Ashry Director of ENV. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173	80	08
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		NUMBER	YEAR	MO	DAY	

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

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

Plant and ERCW Intakes

MONITORING PERIOD
 FROM YEAR 80 MO 05 DAY 01 TO YEAR 80 MO 06 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 (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow	SAMPLE MEASUREMENT		1,100	mgd				0	Cont	Rec	
	PERMIT REQUIREMENT		NA						Cont	Rec	
Ambient Temperature	SAMPLE MEASUREMENT		74	°F				0	31/30	Rec	
	PERMIT REQUIREMENT		NA						1/br	Rec	
Chlorine Residual	SAMPLE MEASUREMENT	NOT CHLORINATED					mg/l	0			
	PERMIT REQUIREMENT						NA		1/7	Mult GK	
Chloride	SAMPLE MEASUREMENT						3.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA		1/30	GR	
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA		1/30	GR	
Sodium	SAMPLE MEASUREMENT						9.9	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA		1/30	GR	
Sulfate	SAMPLE MEASUREMENT						8.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						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. El-Ashry Director of ENV. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						FTS	857-3173	80	08	28
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Refer to 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 temporally and spatially averaged upon completion of the permanent monitor.

NAME Tennessee Valley Authority
 ADDRESS 248 401 Building
Chattanooga, TN 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

(12-15) TN0026450 PERMIT NUMBER
 (17-19) 025 DISCHARGE NUMBER

Plant and ERCW Intakes

MONITORING PERIOD
 FROM YEAR 80 MO 05 DAY 01 TO YEAR 80 MO 06 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) (10-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (13-45) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TSS	SAMPLE MEASUREMENT						4.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Settleable Solids	SAMPLE MEASUREMENT						<0.1	ml/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
TDS	SAMPLE MEASUREMENT						86	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Solids	SAMPLE MEASUREMENT						110	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Ammonia Nitrogen	SAMPLE MEASUREMENT						1.2	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Copper	SAMPLE MEASUREMENT						<0.005	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Iron	SAMPLE MEASUREMENT						0.03	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Mohamed T. El-Ashry
Director of ENV. Quality
 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 19 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
 CLIVE

TELEPHONE NUMBER: 857-3173
 DATE: 80 08 28
FTS AREA CODE YEAR MO DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name; Locating 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

025
 DISCHARGE NUMBER

Plant and ERCW Intakes

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	05	01	80	06	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	UNITS				
Total Manganese	SAMPLE MEASUREMENT							0.007	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Zinc	SAMPLE MEASUREMENT							0.02	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			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 Director of ENV. Quality		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	08
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) 001
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (54-61)			QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)				
Flow	SAMPLE MEASUREMENT	0.014	0.014	mgd					0	24/30	Weir	
	PERMIT REQUIREMENT	0.030	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT	1.8	3.3	lbs/day	2.4	15	28	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	4.1	5.1	lbs/day	27	35	44	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	23/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				1.2	1.4	1.8	mg/l	0	24/30	GR	
	PERMIT REQUIREMENT					NA	2.0			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				20	200	2,000	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				6.9		7.8	units	0	23/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. SEC 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. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	08	28	
TYPE OF 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

TN0026450
 PERMIT NUMBER

001
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (48-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Dissolved Oxygen	SAMPLE MEASUREMENT				2.0	2.6	4.0	mg/l	0	23/30	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										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	ETS 857-3173	80	08
		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

(12-16) TNO026450
 PERMIT NUMBER

(17-19) 002
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01		80	07	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 (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (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	0.003	0.003	mgd					0	24/30	Weir	
	PERMIT REQUIREMENT	0.015	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT	0.2	0.2	lbs/day	6.0	7.7	9.5	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	0.3	0.3	lbs/day	9.0	11	14	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	23/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				1.3	1.3	1.5	mg/l	0	24/30	GR	
	PERMIT REQUIREMENT					NA	2.0			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				<10	<10	<10	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				7.2		7.9	units	0	23/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	08	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 248 401 Building
Chattanooga, TN 37401

(17-18)
 TN0026450
 PERMIT NUMBER

(17-19)
 002
 DISCHARGE NUMBER

Construction Sewage Treatment Plant

FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01	TO	80	07	01
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-13)	X	(11 and Only) (40-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (30-45) 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			
Dissolved Oxygen	SAMPLE MEASUREMENT				2.0	2.6	3.0	mg/l	0	23/30	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										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173	80	08

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

NAME Tennessee Valley Authority
 ADDRESS 248 401 Building
 Chattanooga, TN 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

TN0026450
 PERMIT NUMBER
 003
 DISCHARGE NUMBER

Sewage Treatment Plant (Sand Filter)

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	01
(28-31)	(22-25)	(24-25)	(28-27)	(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 (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (58-65)	AVERAGE (54-55)	MAXIMUM (56-61)	UNITS				
Flow	SAMPLE MEASUREMENT	0.014	0.023	mgd					0	30/30	Weir	
	PERMIT REQUIREMENT	0.0149	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT	1.9	3.5	lbs/day	2.8	13.9	25	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	0.6	1.1	lb./day	2.0	5.0	8.0	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	30/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				0.2	0.7	1.5	mg/l	0	30/30	GR	
	PERMIT REQUIREMENT					NA	NA			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				<10	<10	<10	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				6.4		6.7	units	0	4/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	80
TYPED OR PRINTED						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 Soddy, TN 37379

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

Form Approved
 OMB No. 158-R0073

TN0026450
 PERMIT NUMBER

004
 DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		NO DISCHARGE								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mohamed T. El-Ashry Director of ENV. Quality 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 857-3173	80 08 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
 PERMIT NUMBER
 (17-19) 006
 DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01	TO	80	07	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 (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									

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 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

(2-16) TNO026450 (17-19) 007
 PERMIT NUMBER DISCHARGE NUMBER

Yard Drainage Pond

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01	TO	80	07	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) QUANTITY OR LOADING (46-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	6.95	18.0	mgd					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT				11	14	20	mg/l	0	4/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	0.2	ml/l	0	4/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Turbidity	SAMPLE MEASUREMENT				9.5	24	49	JTU	0	4/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
pH	SAMPLE MEASUREMENT				7.2		9.8	units	5*	10/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mohamed T. El-Ashry Director of ENV. Quality 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	08	28

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

*A noncompliance statement was submitted on June 12, 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-R0073

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

TN0026450
 PERMIT NUMBER

008
 DISCHARGE NUMBER

Concrete Batch Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	0.0016	0.0029	mgd					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
Oil and Grease	SAMPLE MEASUREMENT						9.1	mg/l	0	1/30	GR
	PERMIT REQUIREMENT					NA	20			1/30	GR
Total Suspended Solids	SAMPLE MEASUREMENT				2.7	12	22	mg/l	0	3/30	GR
	PERMIT REQUIREMENT					NA	50			1/7	GR
pH	SAMPLE MEASUREMENT				7.4		7.7	units	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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. Quality		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	08
TYPED OR PRINTED		AREA CODE NUMBER	YEAR	MO	DAY

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

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

TN0026450
 PERMIT NUMBER

009
 DISCHARGE NUMBER

Preoperational Metal Cleaning Wastes

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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) QUANTITY OR LOADING (46-53)			(4 Card Only) 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		4.91	mgd					0	1/30	Weir	
	PERMIT REQUIREMENT	NA	NA							1/1	Weir	
Oil and Grease	SAMPLE MEASUREMENT					<5.0		mg/l	0	1/batch	GR	
	PERMIT REQUIREMENT					15	20			1/batch	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				2.0	9.5	17	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					30	100			1/batch	Comp	
Copper	SAMPLE MEASUREMENT				0.02	0.03	0.03	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	Comp	
Iron	SAMPLE MEASUREMENT				0.46	0.49	0.53	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	Comp	
Phosphorus	SAMPLE MEASUREMENT				0.04	0.05	0.06	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	Comp	
COD	SAMPLE MEASUREMENT						99	mg/l	0	1/batch	8-hr Comp	
	PERMIT REQUIREMENT					NA	100			1/batch	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 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. Quality TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	80

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

There was only one batch discharged 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-R0073

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

(2-16) TN0026450 (17-19) 010
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR 80 MO 06 DAY 01 TO YEAR 80 MO 07 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Station Sump

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 (64-66)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	2.5	8.6	mgd					0	9/30	Cal
	PERMIT REQUIREMENT	NA	NA							Cont	P. Log
Oil and Grease	SAMPLE MEASUREMENT	<35.4	71	kg / day	<5.0	<5.6	10	mg/l	9	9/30	GR
	PERMIT REQUIREMENT	11.9	15.9			15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT	100	290	kg / day	5.4	19	75	mg/l	5	9/30	GR
	PERMIT REQUIREMENT	23.8	79.5			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. Quality
* 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 08 28
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
A noncompliance letter was submitted to EPA on July 19, 1979, explaining the violations. A permit modification was requested on October 13, 1979.

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

012
 DISCHARGE NUMBER

Cooling Tower Blowdown

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (46-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow		NA	NA	mgd					*		
pH	SAMPLE MEASUREMENT				7.1		8.3	units	0	4/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						FTS AREA CODE	857-3173	80	08	28
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

* Flow monitoring is not required except during closed-mode operation.

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

013
 DISCHARGE NUMBER

Recycled Cooling Water

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Total Chlorine Residual	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	mg/l	0	5/30	Mult GR
	PERMIT REQUIREMENT						0.1			1/7	Mult GR
Temperature	SAMPLE MEASUREMENT	79	83	°F					0	40/30	Mult GR
	PERMIT REQUIREMENT		101°							1/1	Mult GR
pH	SAMPLE MEASUREMENT						7.5		0	1/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173	80	08

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

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

TN0026450
 PERMIT NUMBER

014
 DISCHARGE NUMBER

Condensate Demineralizer Regeneration Waste, High Conductivity, Low Crud

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01	TO	80	07	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	UNITS			
Flow	SAMPLE MEASUREMENT	0.0077	0.0095	mgd					0	25 batches	Cal
	PERMIT REQUIREMENT	NA	NA							1/batch	Cal
Oil and Grease	SAMPLE MEASUREMENT	<0.21	<1.5	kg / day	<5.0	<5.0	<5.0	mg/1	0	25 batches	GR
	PERMIT REQUIREMENT	1.6	2.2			15	20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT	0.9	3.0	kg / day	15	31	82	mg/1	0	25 batches	GR
	PERMIT REQUIREMENT	3.3	11.0			30	100			1/batch	GR
pH	SAMPLE MEASUREMENT				6.3		8.8	units	0	25 batches	GR
	PERMIT REQUIREMENT				6.0		9.0			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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS 857-3173	80	08	28
								AREA CODE NUMBER	YEAR	MO	DAY

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

All discharges diverted to turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

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

015
 DISCHARGE NUMBER

Condensate Demineralizer Regeneration Waste, Low Conductivity, High Crud

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (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	0.016	0.018	mgd					0	24 batches	Cal
	PERMIT REQUIREMENT	NA	NA							1/batch	Cal
Oil and Grease	SAMPLE MEASUREMENT	<0.42	1.79	kg / day	<5.0	<6.9	28	mg/l	2*	24 batches	GR
	PERMIT REQUIREMENT	3.4	4.5			15	20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT	4.74	16	kg / day	9.4	76	250	mg/l	6*	24 batches	GR
	PERMIT REQUIREMENT	6.8	23.0			30	100			1/batch	GR
pH	SAMPLE MEASUREMENT				6.2		9.0	units	0	24 batches	GR
	PERMIT REQUIREMENT				6.0		9.0			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. Quality		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173 NUMBER	80 YEAR	08 MO
TYPED OR PRINTED						

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

* All discharges diverted to turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

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

016
 DISCHARGE NUMBER

Liquid Radwaste

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	01
(20-21)	(22-24)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51) (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	0.013	0.022	mgd					0	27 batches	Cal
	PERMIT REQUIREMENT		NA							1/batch	Cal
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	27 batches	GR
	PERMIT REQUIREMENT						20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT				1.0	7.0	17	mg/l	0	27 batches	GR
	PERMIT REQUIREMENT						30			1/batch	GR
pH	SAMPLE MEASUREMENT				5.9		7.2	units	0	27 batches	GR
	PERMIT REQUIREMENT				NA		NA			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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
Mohamed T. El-Ashry Director of ENV. Quality TYPED OR PRINTED			FTS 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

TN0026450
 PERMIT NUMBER

017
 DISCHARGE NUMBER

Office Building Sump 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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	UNITS			
		NO DISCHARGE									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Mohamed T. El-Ashry</u> <u>Director of ENV. Quality</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 <u>CM</u>	TELEPHONE FTS 857-3173 AREA CODE NUMBER	DATE 80 08 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-R0073

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

TN0026450
PERMIT NUMBER

018
DISCHARGE NUMBER

Office Building Sump 2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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	UNITS			
		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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80 YEAR	08 MO

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

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	TO	YEAR	MO	DAY
80	06	01	80	07	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 (14-61)			QUALITY OR CONCENTRATION (14-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE (16-51)	MAXIMUM (16-51)	UNITS (16-51)	MINIMUM (18-45)	AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)			
Flow	SAMPLE MEASUREMENT	0.0006	0.0014	mgd					0	4/30	GR
	PERMIT REQUIREMENT	NA	NA							2/7	GR or P. Log
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.1	5.2	mg/l	0	4/30	GR
	PERMIT REQUIREMENT					15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT				25	41	59	mg/l	0	4/30	GR
	PERMIT REQUIREMENT					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	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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	NUMBER	YEAR	MO
		857-3173	80	08	28	

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

No discharge for one week this month.

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

(2-16)
 TNC026450
 PERMIT NUMBER

(17-19)
 020
 DISCHARGE NUMBER

Diesel Generating Building

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	06	01	80	07	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 (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow	SAMPLE MEASUREMENT								*		
	PERMIT REQUIREMENT	NA	NA	mgd					2/7	GR	
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					15	20		2/7	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				1.7	7.6	26	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					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. Quality 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		
			AREA CODE	NUMBER	YEAR	MO	DAY
			FTS	857-3173	80	08	28

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

* Flow monitoring was unrepresentative.

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)
 021
 DISCHARGE NUMBER

Sodium Hypochlorite Building Floor and Equipment Drains

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 80 06 01 TO 80 07 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) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
		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. Quality
 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
 CLM

TELEPHONE: FTS 857-3173
 DATE: 80 08 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 Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

(12-16)
 TN0026450
 PERMIT NUMBER

(17-19)
 023
 DISCHARGE NUMBER

Steam Generator Blowdown to Cooling Tower Blowdown Line

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	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 (40-51)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (40-51)	MAXIMUM (40-51)	UNITS (40-51)	MINIMUM (38-45)	AVERAGE (40-53)	MAXIMUM (40-53)	UNITS (40-53)			
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	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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173 AREA CODE NUMBER	80 YEAR	08 MO

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

NAME Tennessee Valley Authority
 ADDRESS 268 40th Building
Chattanooga, TN 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

TN0026450
 PERMIT NUMBER

024
 DISCHARGE NUMBER

Diffuser Gate

MONITORING PERIOD
 FROM YEAR 80 MO 06 DAY 01 TO YEAR 80 MO 07 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 (46-51)			(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				
Flow	SAMPLE MEASUREMENT	125	440	mgd					0	29/30	Rec	
	PERMIT REQUIREMENT	NA	NA							Cont	Rec	
Discharge Temperature (Open Mode)	SAMPLE MEASUREMENT		86	°F					0	1/1	Rec	
	PERMIT REQUIREMENT	NA	112.5							Cont	Rec	
Downstream Temperature	SAMPLE MEASUREMENT		81	°F					0	Cont	Rec	
	PERMIT REQUIREMENT	NA	86.9							Cont	Rec	
Reservoir Temperature Rise	SAMPLE MEASUREMENT		0.54	°F					0	Cont	Rec	
	PERMIT REQUIREMENT	NA	5.4							Cont	Rec	
Reservoir Temperature Rate of Rise	SAMPLE MEASUREMENT		0.90	°F/hr					0	Cont	Rec	
	PERMIT REQUIREMENT	NA	3.6							Cont	Rec	
pH	SAMPLE MEASUREMENT				6.7		8.1	units	0	1/1	GR	
	PERMIT REQUIREMENT				6.0		9.0			1/1	GR	
Instrumental Chlorine Residual	SAMPLE MEASUREMENT						*			*		
	PERMIT REQUIREMENT						0.1			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. Quality									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173
TYPED OR PRINTED									NUMBER	YEAR	MO	DAY

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

* Monitor not in service.

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 (17-17) 024
 PERMIT NUMBER DISCHARGE NUMBER

Diffuser Gate

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	06	01	80	07	01
(20-21)	(1, 2)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Manual Chlorine Residual	SAMPLE MEASUREMENT				<0.01	<0.01	0.05	mg/l	0	86/30	Mult GR
	PERMIT REQUIREMENT					NA	0.1			1/7	Mult GR
Chloride	SAMPLE MEASUREMENT						3.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sodium	SAMPLE MEASUREMENT						0.55	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sulfate	SAMPLE MEASUREMENT						12	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
TSS	SAMPLE MEASUREMENT						10	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Settleable Solids	SAMPLE MEASUREMENT						<0.1	ml/l	0	1/30	GR
	PERMIT REQUIREMENT						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. El-Ashry Director of ENV. Quality T/PEP OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	NUMBER	YEAR	MO

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

NAME Tennessee Valley Authority
 ADDRESS 268 401 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 07 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 <small>(40-53)</small>			(4 Card Only) QUALITY OR CONCENTRATION <small>(54-61)</small>			NO. EX (42-43)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TDS	SAMPLE MEASUREMENT						100	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Solids	SAMPLE MEASUREMENT						98	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Ammonia Nitrogen	SAMPLE MEASUREMENT						0.2	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Copper	SAMPLE MEASUREMENT						0.005	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Iron	SAMPLE MEASUREMENT						0.15	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Manganese	SAMPLE MEASUREMENT						0.63	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Zinc	SAMPLE MEASUREMENT						0.007	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry
 Director of ENV. Quality
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: CLM

TELEPHONE: FTS 857-3173
AREA CODE NUMBER

DATE: 80 08 28
YEAR MO DAY

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

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

(2-16) **TN002645C**
 PERMIT NUMBER
 (17-19) **025**
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (20-22) (22-23) (24-25) (26-27) (28-29) (30-31)
80 06 01 TO 80 07 01

Plant and ERCW Intakes

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT		650	mgd					0	Cont	Rec
	PERMIT REQUIREMENT		NA							Cont	Rec
Ambient Temperature	SAMPLE MEASUREMENT		81	°F					0	28/30	Rec
	PERMIT REQUIREMENT		NA							1/hr	Rec
Chlorine Residual	SAMPLE MEASUREMENT	NO CHLORINATION						mg/l	0		
	PERMIT REQUIREMENT						NA			1/7	Mult GR
Chloride	SAMPLE MEASUREMENT						4.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sodium	SAMPLE MEASUREMENT						0.54	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sulfate	SAMPLE MEASUREMENT						8.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						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. El-Ashry Director of ENV. Quality 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	

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 temporally and spatially averaged upon completion of the permanent monitor.

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

(2-16) TN0026450 (17-19) 025
 PERMIT NUMBER DISCHARGE NUMBER

Plant and ERCW Intakes

MONITORING PERIOD
 FROM YEAR 80 MO 06 DAY 01 TO YEAR 80 MO 07 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 (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
Total Suspended Solids	SAMPLE MEASUREMENT						9.2	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Settleable Solids	SAMPLE MEASUREMENT						<0.1	ml/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
TDS	SAMPLE MEASUREMENT						100	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Solids	SAMPLE MEASUREMENT						110	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Ammonia Nitrogen	SAMPLE MEASUREMENT						<0.03	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Copper	SAMPLE MEASUREMENT						<0.005	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Iron	SAMPLE MEASUREMENT						0.12	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry Director of ENV. Quality 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 08 28	

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

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

TN0026450
 PERMIT NUMBER

025
 DISCHARGE NUMBER

Plant and ERCW Intakes

MONITORING PERIOD
 FROM 80 06 01 TO 80 07 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) (54-61) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Total Manganese	SAMPLE MEASUREMENT						0.63	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Total Zinc	SAMPLE MEASUREMENT						0.007	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			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. Quality 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

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

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
 FROM YEAR MO DAY TO YEAR MO DAY
 80 07 01 TO 80 08 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) (18-45) 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	0.014	0.014	mgd					0	23/30	Weir	
	PERMIT REQUIREMENT	0.030	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT	0.43	0.51	lbs/day	3.2	3.8	4.4	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	0.50	0.65	lbs/day	3.0	4.5	6.0	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	7.5	11.0			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.2	ml/l	0	22/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				1.1	1.2	1.4	mg/l	0	23/30	GR	
	PERMIT REQUIREMENT					NA	NA			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				180	<600	<2,000	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				7.0		7.8	units	0	22/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	08	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

(2-16) TN0026450 PERMIT NUMBER
(17-19) 001 DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD
FROM 80 07 01 TO 80 08 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) (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			
Dissolved Oxygen	SAMPLE MEASUREMENT				1.0	2.4	3.9	mg/l	0	22/30	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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry
Director of ENV. Quality
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: CLM

TELEPHONE: F.S. AREA CODE 857-3173 NUMBER

DATE: YEAR 80 MO 08 DAY 28

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

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

(2-16) TNO026450 (17-19) 002
 PERMIT NUMBER DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01		80	08	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 (38-45) (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	0.003	mgd					0	24/30	Weir	
	PERMIT REQUIREMENT	0.015	NA							1/1	Weir	
ROD ₅	SAMPLE MEASUREMENT	1.26	2.50	lbs/day	<1.0	50	100	mg/l	1	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT	2.92	5.75	lbs/day	4.0	162	320	mg/l	2	2/30	GR	
	PERMIT REQUIREMENT	3.8	5.6			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	22/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				1.2	1.2	1.5	mg/l	0	23/30	GR	
	PERMIT REQUIREMENT					NA	2.0			1/1	GR	
Fecal Coliform	SAMPLE MEASUREMENT				<10	141	>2,000	N/10 ³ ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				6.8		7.8	units	0	22/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS AREA CODE	857-3173	80	08	28

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

A noncompliance statement was submitted on August 6, 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-R0073

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

(2-16) TN0026450 (17-19) 002
 PERMIT NUMBER DISCHARGE NUMBER

Construction Sewage Treatment Plant

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	07	01	80	08	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 (3 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 (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Dissolved Oxygen	SAMPLE MEASUREMENT				2.0	2.5	2.8	mg/l	0	22/30	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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Mohamed T. El-Ashry</u> <u>Director of ENV. Quality</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 <u>CINE</u>	TELEPHONE		DATE		
			FTS AREA CODE	NUMBER	YEAR	MO	DAY
			857-3173	80	08	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

TN0026450
 PERMIT NUMBER

003
 DISCHARGE NUMBER

Sewage Treatment Plant (Sand Filter)

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01	TO	80	08	01
(20-21)	(22-31)	(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 (46-61)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (54-61)	AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)				
Flow	SAMPLE MEASUREMENT	0.012	0.016	mgd					0	13/30	Weir	
	PERMIT REQUIREMENT	0.0149	NA							1/1	Weir	
BOD ₅	SAMPLE MEASUREMENT		*	lbs/day	<1.0	<4.2	7.4	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT		*	lbs/day	4.0	5.5	7.0	mg/l	0	2/30	GR	
	PERMIT REQUIREMENT	3.7	5.6			30	45			2/30	GR	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ml/l	0	31/30	GR	
	PERMIT REQUIREMENT					NA	1.0			1/1	GR	
Chlorine Residual	SAMPLE MEASUREMENT				0.04	0.6	2.5	mg/l	0	31/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
Fecal Coliform	SAMPLE MEASUREMENT				<10	<10	10	N/100 ml	0	2/30	GR	
	PERMIT REQUIREMENT					NA	NA			2/30	GR	
pH	SAMPLE MEASUREMENT				6.6		7.3	units	0	4/30	GR	
	PERMIT REQUIREMENT				6.0		9.0			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. Quality TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	NUMBER	YEAR

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

* Flow meter not operable for 18 days; therefore, poundage could not be calculated.

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

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

Form Approved GMB 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)
 004
 DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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 <small>(46-53)</small>			(4 Card Only) QUALITY OR CONCENTRATION <small>(56-63)</small>			NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-65)</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										
	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. Quality							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		FTS AREA CODE	857-3173	80
TYPED OR PRINTED						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, Tennessee 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

TN0026450
 PERMIT NUMBER

005
 DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY
 FROM 80 07 01 TO 80 08 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 (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT			mgd						*	
	PERMIT REQUIREMENT	NA	NA							1/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT						26,000	mg/l	0	1/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Settleable Solids	SAMPLE MEASUREMENT						180	ml/l	0	1/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Turbidity	SAMPLE MEASUREMENT						>1,000	NTU	0	1/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
pH	SAMPLE MEASUREMENT						7.8	units	0	1/30	GR
	PERMIT REQUIREMENT				6.0		9.0			1/7	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Mohamed T. El-Ashry
 Director of ENV. Quality
 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: CLM

TELEPHONE: FTS 857-3173
 AREA CODE NUMBER

DATE: 80 08 28
 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
PERMIT NUMBER

(17-19)
006
DISCHARGE NUMBER

Construction Runoff

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01		80	08	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			
		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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	857-3173	80	08

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 Sequoyan Nuclear Plant
 LOCATION Soddy, TN 37379

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

Form Approved
 OMB No. 158-R0073

(2-16)
 TN0026450
 PERMIT NUMBER

(17-19)
 007
 DISCHARGE NUMBER

Yard Drainage Pond

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01	TO	80	08	01
(19-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (40-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
Flow	SAMPLE MEASUREMENT	3.12	3.40	mgd					0	5/30	GR
	PERMIT REQUIREMENT	NA	NA							1/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT				2.7	13	50	mg/l	0	5/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Settleable Solids	SAMPLE MEASUREMENT				<0.01	<0.44	1.0	ml/l	0	5/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
Turbidity	SAMPLE MEASUREMENT				4.0	11	34	JTU	0	5/30	GR
	PERMIT REQUIREMENT					NA	NA			1/7	GR
pH	SAMPLE MEASUREMENT				7.1		7.5	units	0	5/30	GR
	PERMIT REQUIREMENT				6.0		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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE			
Mohamed T. El-Ashry Director of ENV. Quality TYPED OR PRINTED			FTS 857-3173	80	08	28	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)			AREA CODE	NUMBER	YEAR	MO	DAY

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

(2-16) TN0026450 (17-19) 008
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 80 07 01 TO 80 08 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Concrete Batch Plant

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING <small>(3 Card Only) (46-53) (54-61)</small>			QUALITY OR CONCENTRATION <small>(4 Card Only) (38-45) (46-53) (54-61)</small>			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow	SAMPLE MEASUREMENT	0.013	0.029	mgd				0	5/30	GR	
	PERMIT REQUIREMENT	NA	NA						1/7	GR	
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	2/30	GR
	PERMIT REQUIREMENT					NA	20		1/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				7.5	23	39	mg/l	0	5/30	GR
	PERMIT REQUIREMENT					NA	50		1/7	GR	
pH	SAMPLE MEASUREMENT				7.5		8.6	units	0	5/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Mohamed T. El-Ashry
 Director of ENV. Quality
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
 FTS 857-3173 80 08 28
 AREA CODE NUMBER YEAR MO DAY

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

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)
 009
 DISCHARGE NUMBER

Preoperational Metal Cleaning Wastes

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01	80	08	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 (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
Flow	SAMPLE MEASUREMENT		4.28	mgd					0	1/30	Weir	
	PERMIT REQUIREMENT	NA	NA							1/1	Weir	
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.0	<5.0	mg/l	0	3/batch	GR	
	PERMIT REQUIREMENT					15	20			1/batch	GR	
Total Suspended Solids	SAMPLE MEASUREMENT				2.0	3.0	4.0	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					30	100			1/batch	8-hr Comp	
Copper	SAMPLE MEASUREMENT				<0.01	<0.02	0.02	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	8-hr Comp	
Iron	SAMPLE MEASUREMENT				0.24	0.24	0.25	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	8-hr Comp	
Phosphorus	SAMPLE MEASUREMENT				0.09	0.15	0.21	mg/l	0	2/batch	8-hr Comp	
	PERMIT REQUIREMENT					1.0	1.0			1/batch	8-hr Comp	
COD	SAMPLE MEASUREMENT	No discharge of organic acid wastes this month.							mg/l			
	PERMIT REQUIREMENT					NA	NA			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. Quality TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		PTS AREA CODE	857-3173	80

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

There was only one batch discharged this month.

NAME Tennessee Valley Authority
 ADDRESS 268 401 Building
Chattanooga, TN 37401

(2-16) TN0026450
 PERMIT NUMBER
 (17-19) 010
 DISCHARGE NUMBER

Station Sump

FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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 (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT	1.0	2.4	mgd					0	9/30	Cal
	PERMIT REQUIREMENT	NA	NA							Cont	P. Log
Oil and Grease	SAMPLE MEASUREMENT	<38	<56	kg / day	<5.0	<6.0	8.3	mg/l	8	9/30	GR
	PERMIT REQUIREMENT	11.9	15.9			15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT	156	630	kg / day	9.0	50.	99.	mg/l	8	12/30	GR
	PERMIT REQUIREMENT	23.8	79.5			30	100			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, Quality
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: El-Ashry

TELEPHONE: FTS 857-3173
AREA CODE NUMBER

DATE: 80 08 28
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 A noncompliance statement was submitted to EPA on July 18, 1979, explaining the loading violations. A permit modification was requested on October 13, 1979.

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

TN0026450 PERMIT NUMBER
 012 DISCHARGE NUMBER

Cooling Tower Blowdown

MONITORING PERIOD
 FROM 80 07 01 TO 80 08 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-37)</small>	X	QUANTITY OR LOADING <small>(46-53)</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			
Flow	SAMPLE MEASUREMENT			mgd					*	
	PERMIT REQUIREMENT	NA	NA						Cont	Rec
pH	SAMPLE MEASUREMENT				7.3		7.6	0	5/30	GR
	PERMIT REQUIREMENT				6.0		9.0		1/7	GR
Boron	SAMPLE MEASUREMENT						0.33	0	1/30	GR
	PERMIT REQUIREMENT						14.0		1/1	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. <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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	RTS AREA CODE	857-3173	80	08

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

Boron data included in this report per the July 31, 1980, letter to Dr. Mohamed T. El-Ashry from Mr. Sanford W. Harvey, Jr.
 * Flow monitoring is not required except during closed-mode operation.

Boron waste discharged on only one day 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. 1505-0073

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) 013
 DISCHARGE NUMBER

Recycled Cooling Water

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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 (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										
	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. Quality								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)

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) 014 DISCHARGE NUMBER

Condensate Demineralizer Regeneration Waste, High Conductivity, Low Crud

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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 (18-25)			UNITS	NC-EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
Flow	SAMPLE MEASUREMENT	0.0089	0.0110	mgd					0	42 batches	Cal
	PERMIT REQUIREMENT	NA	NA							1/batch	Cal
Oil and Grease	SAMPLE MEASUREMENT	<0.20	0.74	kg / day	<5.0	<5.8	20	mg/l	0	42 batches	GR
	PERMIT REQUIREMENT	1.6	2.2			15	20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT	10.4	320	kg / day	9.2	273	8,300	mg/l	10	42 batches	GR
	PERMIT REQUIREMENT	3.3	11.0			30	100			1/batch	GR
pH	SAMPLE MEASUREMENT				6.0		9.0	units	0	42 batches	GR
	PERMIT REQUIREMENT				6.0		9.0			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. Quality		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE	NUMBER	YEAR	MO
TYPED OR PRINTED		857-3173	80	08	28	

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

All discharges were directed to the turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

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)
 015
 DISCHARGE NUMBER

Condensate Demineralizer Regeneration Waste, Low Conductivity, High Crud

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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			
Flow	SAMPLE MEASUREMENT	0.0166	0.0190	mgd					0	26 batches	Cal
	PERMIT REQUIREMENT	NA	NA							1/batch	Cal
Oil and Grease	SAMPLE MEASUREMENT	<0.31	0.92	kg / day	<5.0	<5.6	16	mg/l	0	25 batches	GR
	PERMIT REQUIREMENT	3.4	4.5			15	20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT	3.6	18.0	kg / day	3.8	54	260	mg/l	4	25 batches	GR
	PERMIT REQUIREMENT	6.8	23.0			30	100			1/batch	GR
pH	SAMPLE MEASUREMENT				6.0		8.7	units	0	25 batches	GR
	PERMIT REQUIREMENT				6.0		9.0			1/batch	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. Quality	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	DAY
TYPED OR PRINTED			857-3173	80	08	28	

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

All discharges were directed to the turbine building sump. Treatment by sedimentation then provided in the yard drainage pond (007).

NAME Tennessee Valley Authority
 ADDRESS 268 401 building
Chattanooga, TN 37401
 FACILITY Sequoyah Nuclear Plant
 LOCATION Soddy, TN 37379

TN0026450
 PERMIT NUMBER

016
 DISCHARGE NUMBER

Liquid Radwaste

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
80	07	01	80	08	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 (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	0.0116	0.0232	mgd					0	45 batches	GR
	PERMIT REQUIREMENT		NA							1/batch	GR
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.1	7.5	mg/l	0	45 batches	GR
	PERMIT REQUIREMENT						20			1/batch	GR
Total Suspended Solids	SAMPLE MEASUREMENT				1.7	9.0	27	mg/l	0	45 batches	GR
	PERMIT REQUIREMENT						30			1/batch	GR
pH	SAMPLE MEASUREMENT				5.0		7.2	units	0	45 batches	GR
	PERMIT REQUIREMENT				NA		NA			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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3173	80	08

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

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) **018**
 DISCHARGE NUMBER

Office Building Sump 2

MONITORING PERIOD
 FROM YEAR **80** MO **07** DAY **01** TO YEAR **80** MO **08** 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			
		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. Quality 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)										

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

(2-14) TN0026450 PERMIT NUMBER
 (17-19) 019 DISCHARGE NUMBER

Service Building Sump

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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 (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 (38-43)	AVERAGE (46-51)	MAXIMUM (54-61)	UNITS (54-61)				
Flow		0.0003	0.0006	mgd					0	5/30	GR	
		NA	NA								GR or P. Log	
Oil and Grease					<5.0	<5.4	7.2	mg/l	0	5/30	GR	
						15	20			2/7	GR	
Total Suspended Solids					24	30	37	mg/l	0	5/30	GR	
						30	100			2/7	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 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. Quality	CUNE SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS	857-3173	80	08	28
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
No discharge for three weeks 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-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) 020
 DISCHARGE NUMBER

Diesel Generating Building

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 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>	X	<small>(3 Card Only)</small> <small>(46-53)</small> QUANTITY OR LOADING <small>(54-61)</small>			<small>(4 Card Only)</small> <small>(46-53)</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	UNIT			
Flow	SAMPLE MEASUREMENT									*	
	PERMIT REQUIREMENT	NA	NA	mgd						2/7	GR
Oil and Grease	SAMPLE MEASUREMENT				<5.0	<5.4	8.6	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					15	20			2/7	GR
Total Suspended Solids	SAMPLE MEASUREMENT				4.6	9.9	19	mg/l	0	9/30	GR
	PERMIT REQUIREMENT					30	100			2/7	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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS AREA CODE 857-3173	80	08

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

(2-16)
 TNO026450
 PERMIT NUMBER

(17-19)
 021
 DISCHARGE NUMBER

Sodium Hypochlorite Building Floor and Equipment Drains

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01	TO	80	08	01
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		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. Quality	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 43 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	08 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. 1282-0073

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) 023
 DISCHARGE NUMBER

Steam Generator Blowdown to Cooling Tower Blowdown Line

MONITORING PERIOD
 FROM YEAR 80 MO 07 DAY 01 TO YEAR 80 MO 08 DAY 01
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER <small>(32-37)</small>	X	<small>(3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(54-61)</small>				NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-68)</small>	SAMPLE TYPE <small>(69-70)</small>
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
		NO DISCHARGE									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Mohamed T. El-Ashry
Director of ENV. Quality
 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 08 28
 YEAR MO DAY

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

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

(12-16) TNO026450 (17-19) 024
 PERMIT NUMBER DISCHARGE NUMBER

Diffuser Gate

MONITORING PERIOD
 FROM 80 07 01 TO 80 08 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 (3 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 (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
Flow	SAMPLE MEASUREMENT	446	1,100	mgd				0	Cont	Rec	
	PERMIT REQUIREMENT	NA	NA						Cont	Rec	
Discharge Temperature (Open Mode)	SAMPLE MEASUREMENT		88	°F				0	Cont	Rec	
	PERMIT REQUIREMENT	NA	112.5						Cont	Rec	
Downstream Temperature	SAMPLE MEASUREMENT		86	°F				0	Cont	Rec	
	PERMIT REQUIREMENT	NA	86.9						Cont	Rec	
Reservoir Temperature Rise	SAMPLE MEASUREMENT		0	°F				0	3/30*	Rec	
	PERMIT REQUIREMENT	NA	5.4						Cont	Rec	
Reservoir Temperature Rate of Rise	SAMPLE MEASUREMENT		2.6	°F/hr				0	13/30**	Rec	
	PERMIT REQUIREMENT	NA	3.6						Cont	Rec	
pH	SAMPLE MEASUREMENT				6.7		7.9	0	31/30	GR	
	PERMIT REQUIREMENT				6.0		9.0		1/1	GR	
Instrumental Chlorine Residual	SAMPLE MEASUREMENT							0	***		
	PERMIT REQUIREMENT					NA	0.1		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.)			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
Mohamed T. El-Ashry Director of ENV. Quality							FTS	857-3173	80	08	28
TYPED OR PRINTED		AREA CODE		NUMBER		YEAR		MO		DAY	

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

- * Computer inoperable twenty-eight (28) days.
- ** Computer inoperable eighteen (18) days.
- ***Monitor not in use.

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) 024
 DISCHARGE NUMBER

Diffuser Gate

MONITORING PERIOD
 FROM 80 07 01 TO 80 08 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				
Manual Chlorine Residual	SAMPLE MEASUREMENT				<0.01	<0.02	0.06	mg/l	0	27/30	Mult GR	
	PERMIT REQUIREMENT					NA	0.1			1/7	Mult GR	
Chloride	SAMPLE MEASUREMENT						5.0	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Oil and Grease	SAMPLE MEASUREMENT						< 5.0	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Sodium	SAMPLE MEASUREMENT						4.6	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Sulfate	SAMPLE MEASUREMENT						2.0	mg/l	0	1/30	CR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Suspended Solids	SAMPLE MEASUREMENT						5.0	mg/l	0	1/30	GR	
	PERMIT REQUIREMENT						NA			1/30	GR	
Total Settleable Solids	SAMPLE MEASUREMENT						< 0.05	ml/l	0	1/30	GR	
	PERMIT REQUIREMENT						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. El-Ashry Director of ENV. Quality TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							FTS AREA CODE	857-3173	80	08	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

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					
YEAR	MO	DAY	YEAR	MO	DAY
80	07	01	80	08	01
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (54-61)			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							69	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Solids	SAMPLE MEASUREMENT							80	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Ammonia Nitrogen	SAMPLE MEASUREMENT							0.30	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Copper	SAMPLE MEASUREMENT							0.032	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Iron	SAMPLE MEASUREMENT							0.22	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Manganese	SAMPLE MEASUREMENT							0.038	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Zinc	SAMPLE MEASUREMENT							0.012	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Mohamed T. El-Ashry
 Director of ENV. Quality
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: FTS 857-3173
 DATE: 80 08 28

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

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 07 01 TO 80 08 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 (54-61)			QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (33 and Only) (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (47 and Only) (58-65)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
Boron	SAMPLE MEASUREMENT								0	1/30	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										

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. Quality TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	FTS 857-3170 AREA CODE NUMBER	80	08

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

Boron waste was only discharged one day this month. Boron data included in this report per the July 31, 1980, letter to Dr. Mohamed T. El-Ashry from Mr. Sanford W. Harvey, Jr.

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) 025
 DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
80	07	01	80	08	01
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

Plant and ERCW Intakes

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)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT		900	mgd					0	Cont	Rec
	PERMIT REQUIREMENT		NA							Cont	Rec
Ambient Temperature	SAMPLE MEASUREMENT		87	°F					0	26/30	Rec
	PERMIT REQUIREMENT		NA							1/hour	Rec
Chlorine Residual	SAMPLE MEASUREMENT	not chlorinated						mg/l	0		
	PERMIT REQUIREMENT						NA			1/7	Mult GR
Chloride	SAMPLE MEASUREMENT						5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Oil and Grease	SAMPLE MEASUREMENT						<5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sodium	SAMPLE MEASUREMENT						8.2	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR
Sulfate	SAMPLE MEASUREMENT						5.0	mg/l	0	1/30	GR
	PERMIT REQUIREMENT						NA			1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Mohamed T. El-Ashry
Director of ENV. Quality
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: FTS 857-3173
 DATE: 80 08 28

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. 158-R0073

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

(2-16) TN0026450 (17-19) 025
 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 07 01 TO 80 08 01

Plant and ERCW Intakes

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	X	(1 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (18-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
Total Suspended Solids	SAMPLE MEASUREMENT							8.3	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Settleable Solids	SAMPLE MEASUREMENT							<0.05	ml/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Dissolved Solids	SAMPLE MEASUREMENT							70	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Solids	SAMPLE MEASUREMENT							75	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Ammonia Nitrogen	SAMPLE MEASUREMENT							0.35	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Copper	SAMPLE MEASUREMENT							0.04	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Iron	SAMPLE MEASUREMENT							0.16	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Mohamed T. El-Ashry
Director of ENV. Quality
 TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 CLME

TELEPHONE
 FTS AREA CODE | NUMBER | DATE
 857-3173 | 80 08 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) 025
 DISCHARGE NUMBER

Plant and ERCW Intakes

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
80	07	01		80	08	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 (67-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
Total Manganese	SAMPLE MEASUREMENT							0.038	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			1/30	GR
Total Zinc	SAMPLE MEASUREMENT							0.014	mg/l	0	1/30	GR
	PERMIT REQUIREMENT							NA			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 Mohamed T. El-Ashry Director of ENV. Quality	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	08 MO	28 DAY
TYPED OR PRINTED							

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