



Tennessee Valley Authority Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

July 13, 1999

State of Tennessee
Department of Environment and Conservation
Division of Water Pollution Control
401 Church Street, 6th Floor Annex
Nashville, Tennessee 37243-1534

Attention: Ms. Evelyn Haskin, Enforcement & Compliance

Dear Ms. Haskin:

TENNESSEE VALLEY AUTHORITY - DISCHARGE MONITORING REPORT HARD COPIES FOR
SEQUOYAH NUCLEAR PLANT (SQN)

Please find enclosed the Second Quarter 1999 DMR for SQN.

Please contact me at (423) 843-6700 or Diedre Nida at (423) 843-6711 if you have any questions
or comments.

Sincerely,

Debby Bodine
Environmental Supervisor
Sequoyah Nuclear Plant

Enclosure

cc (Enclosure):

Chattanooga Environmental Assistance Center
Division of Water Pollution Control
State Office Building, Suite 550
540 McCallie Avenue
Chattanooga, Tennessee 37402-2013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

9907200159 990630
PDR ADOCK 05000327
R PDR

IE251

PERMITTEE NAME/ADDRESS (If include Facility Name/Location if differ

Home IVA SEQUOYAH NUCLEAR PLANT

Address P.O. BOX 2000

(WHERE OFFICE IS 2A)

Facility SOUDY DANEY IN 37384-2000

Location IVA SEQUOYAH NUCLEAR PLANT

HAMILTON COUNTY

ATTN: DEBBIE BODINE ENV. MGR

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

THRU026450
PERMIT NUMBER

101 G
DISCHARGE NO

Diffuser Discharge

MONITORING PERIOD
From: YEAR 99 MO 04 DAY 01 To: YEAR 99 MO 04 DAY 30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	1700	MGD	*****	*****	*****	0	30 / 30	RCORDR		
50050 1 0 0	PERMIT REQUIREMENT	NONE	NONE	MGD	NONE	NONE	NONE		CONT	RCORDR		
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	31.833	31.833	0	30 / 30	RCORDR		
00010 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	NONE		CONT	RCORDR		
DELTA TEMPERATURE - C	SAMPLE MEASUREMENT	*****	*****		*****	2.556	2.556	0	30 / 30	CALC		
00016 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	3.0	3.0		CONT	CALC		
PH	SAMPLE MEASUREMENT	*****	*****		7.33	7.47	7.47	0	8 / 30	GRAB		
00000 1 0 0	PERMIT REQUIREMENT	NONE	NONE		6.0	9.0	9.0		1/7	GRAB		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	5	5	0	4 / 30	GRAB		
00030 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	100.000	100.000		1/7	GRAB		
OIL & GREASE FREON EXTR-GRAB METH	SAMPLE MEASUREMENT	*****	*****		*****	<5.0	<5.0	0	4 / 30	GRAB		
00056 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	15.000	20.000		1/7	GRAB		
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	0.029	0.029	0	51 / 30	CALC		
50060 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	NONE		5/7	CALC		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE			DATE	
Masoud Bajestani					<i>Masoud J. Bajestani</i>			423 843 6700			99 05 13	
Site Vice President								AREA CODE			NUMBER	
TYPED OR PRINTED											YEAR	
											MO	
											DAY	

COMMITMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here

No closed mode operation. ERCW phosphate-co-polymer blend (PCL 222) injection occurred. The maximum calculated concentration was 0.071 mg/L (limit is 0.100 mg/L). ERCW Dimethylamide (Cl 363) injection occurred. The maximum calculated concentration was 0.011 mg/L (limit is 0.100 mg/L).

Name	IVA SEQUOYAH NUCLEAR PLANT
Address	P.O. BOX 20003 (INTER OFFICE S3 2A) SODDY DAVIS, TN 37364 - 2003
Facility	IVA SEQUOYAH NUCLEAR PLANT
Location	HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

1N002645C

101 G

Diffuser Discharge

PERMIT NUMBER

DISCHARGE NO.

MONITORING PERIOD

From: YEAR MO DAY To: YEAR MO DAY

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE - C, RATE OF CHANGE		SAMPLE MEASUREMENT				*****	*****	1	0	30 / 30	CALC
82234 1 0 0 101		PERMIT REQUIREMENT	NONE		*****	*****	2.0	DEG. C		CONT	CALC
TEMPERATURE, WATER DEG. CENTIGRADE		SAMPLE MEASUREMENT	*****		*****	*****	21.67		0	30/30	MODEL
00010 2 0 0 101		PERMIT REQUIREMENT	NONE		NONE	NONE	30,502	DEG. C		CONT	MODEL
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
BORON, TOTAL		SAMPLE MEASUREMENT			<0.2	<0.2	<0.200		0	1 / 30	GRAB
01022 1 0 0 101		PERMIT REQUIREMENT	NONE		NONE	NONE	NONE	MG/L		1/30	GRAB
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Masoud Bojestani

Sita Vice President

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 35 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Sita L. Padine

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here

Name IVA-SEQUOIAH NUCLEAR PLANT

Address P.O. BOX 2000

(INTEROFFICE SB 2A)

Facility SCUDY DAISY, TN - 37384 - 2000

Location IVA-SEQUOIAH NUCLEAR PLANT

HAMILTON COUNTY

ATTN: DEBBIE BOONIE, ENV. MGR.

1H0026450

PERMIT NUMBER

103 G

DISCHARGE NO.

Low Vol. Waste

Treatment Pond

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
99	04	01	99	04	30

From:

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OIL & GREASE FREON EXIR-GRV METH	SAMPLE MEASUREMENT	<39.4	<58.2		*****	<5.0		4 / 30	GRAB
	PERMIT REQUIREMENT						0		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	190.000	250.000	LBS/DAY	NONE	15.000	20.000	MG/L	GRAB
	PERMIT REQUIREMENT	35	81.43		*****	4.5	7		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	380.000	1250.000	LBS/DAY	NONE	30	100	MG/L	GRAB
	PERMIT REQUIREMENT	1.096	1.639		*****				
PH	SAMPLE MEASUREMENT	NONE	NONE	MGD	NONE	NONE	NONE	PH UNIT	GRAB
	PERMIT REQUIREMENT				8.03	*****	8.66		
TYPED OR PRINTED	SAMPLE MEASUREMENT	NONE	NONE		6.0	NONE	9.0		GRAB
	PERMIT REQUIREMENT								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Madson Boljestant Site Vice President TYPED OR PRINTED									
COMMITTEE AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here On 4/26/99, less than 50 gal of water (no sheen, no odor) overflowed a grease trap and entered a yard drain - 100 yds. from the yard pond. No discharge to the pond was observed. Chaff. EAC was notified. A small flow occurred on 5/10/99 with no observed discharge to the pond. Sediment in piping is believed to have absorbed the water. EPA Form 3320-1 (Rev. 9-88) Previous editions may be used									
TELEPHONE 843-6700 AREA CODE NUMBER DATE 99 05 13 YEAR MO DAY									

Name IJA-SEQUOYAH NUCLEAR PLANT

Address P.O. BOX 2000

(INTER OFFICE 5B 2A)

SODDY DAVIS, TN 37384-2000

Facility IJA-SEQUOYAH NUCLEAR PLANT

Location HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER

TD0026450

107 G

Metal Cleaning Waste

Pond

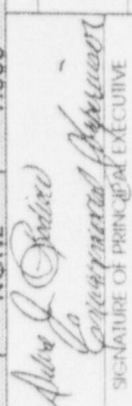
DISCHARGE NO.

From:

MONITORING PERIOD			
YEAR	MO	DAY	TIME
99	04	01	01

 To:

YEAR	MO	DAY	TIME
99	04	30	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.052	0.071								
50050 1 0 0	PERMIT REQUIREMENT	NONE	NONE	MGD	NONE	NONE	NONE	0	3 / 30	CALC	
PH	SAMPLE MEASUREMENT	*****	*****		7.67	*****	8.58	0	1 / 1	CALC	
00400 1 0 0	PERMIT REQUIREMENT	NONE	NONE		6.0	NONE	9.0	0	3 / 30	GRAB	
107	SAMPLE MEASUREMENT	*****	*****		*****	*****	8	0	1 / 1	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	30.000	0	3 / 30	BHRCOM	
00530 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	<5.0	0	3 / 30	GRAB	
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	15.000	0	1 / 1	GRAB	
OIL & GREASE FREON EXTR - GRAV METH	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	3 / 30	BHRCOM	
00556 1 0 0	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	<0.010	0	3 / 30	BHRCOM	
107	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	1 / 1	BHRCOM	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	0.665	0	3 / 30	BHRCOM	
00665 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	1 / 1	BHRCOM	
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000	0	3 / 30	BHRCOM	
COPPER, TOTAL (AS CU)	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	1 / 1	BHRCOM	
01042 1 0 0	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000	0	3 / 30	BHRCOM	
107	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	1 / 1	BHRCOM	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000	0	3 / 30	BHRCOM	
01045 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	1.000	0	1 / 1	BHRCOM	
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000	0	3 / 30	BHRCOM	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY BELIEF OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)			 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE 843-6700		DATE 99 07 07	
COMMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all applicable laws here. There were 3 releases during April. No phosphate bearing chemicals were employed.		AREA CODE 423			NUMBER 843-6700			YEAR 99		MO 07	
TYPED OR PRINTED								YEAR		DAY	

Name TVA-SSEQUOYAH NUCLEAR PLANT
 Address P.O. BOX 2000
(INTEROFFICE SB 2A)
SODDY DAVIS, TN 37384-2000
 Facility TVA-SSEQUOYAH NUCLEAR PLANT
 Location HAMILTON COUNTY

INNO26450
 PERMIT NUMBER

112G
 DISCHARGE NO

Sewage Treatment
 Plant

MONITORING PERIOD
 From: YEAR 99 MO 04 DAY 01 To: YEAR 99 MO 04 DAY 30

ATTN: DEBBIE BODINE, ENV. MGR.

PARAMETER	X	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	MINIMUM		AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)											
00310 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****							
112	PERMIT REQUIREMENT	NONE	NONE	NONE	LBS/DA	30.000	45.000	MG/L	2/30	GRAB	
SOLIDS, TOTAL SUSPENDED											
00530 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****							
112	PERMIT REQUIREMENT	NONE	NONE	NONE	LBS/DA	30.000	45.000	MG/L	2/30	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT											
50050 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	MGD	NONE	NONE		CONT	REGRDR	
112	PERMIT REQUIREMENT	NONE	NONE	NONE							
SOLIDS, SETTLABLE											
00545 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****							
112	PERMIT REQUIREMENT	NONE	NONE	NONE							
COLIFORM, FECAL											
31616 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****							
112	PERMIT REQUIREMENT	NONE	NONE	NONE							
CHLORINE, TOTAL RESIDUAL											
50060 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****							
112	PERMIT REQUIREMENT	NONE	NONE	NONE							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Masoud Rajestani

Sila Vice President

TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Masoud Rajestani

TELEPHONE
423 843-6700

AREA CODE
423

DATE
99 05 13

COMMENT AND EXPLANATION OF ANY VIOLATIONS Reference all attachments here

Sewage flow has been diverted from this system since January, 1998. DSN 112 is now in stand-by status.

Name **TVA-SEQUOYAH NUCLEAR PLANT**
Address **P.O. BOX 2000**

(INTEROFFICE 50 2A)

SODDY DANCY, TN 37384-2000

Facility **TVA-SEQUOYAH NUCLEAR PLANT**

Location **HAMILTON COUNTY**

ATTN: DEBBIE BODINE, ENV. MGR.

TH0026450

PERMIT NUMBER

Diffuser Discharge

101 G

DISCHARGE NO

MONITORING PERIOD			
YEAR	MO	DAY	TO
99	05	01	99 05 31

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE												
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	168	MGD	*****	*****	*****	0	31 / 31	RCORDR												
50050 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE			CONT	RCORDR												
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	*****	38	0	31 / 31	RCORDR												
00010 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE			CONT	RCORDR												
DELTA TEMPERATURE - C	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.278	0	31 / 31	CALC												
00016 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	3.0		CONT	CALC												
PH	SAMPLE MEASUREMENT	*****	*****		7.07	*****	7.57	0	8 / 31	GRAB												
00400 1 0 0	PERMIT REQUIREMENT	NONE	NONE		6.0	NONE	9.0		1/7	GRAB												
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	4.13	6	0	4 / 31	GRAB												
00530 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE			1/7	GRAB												
OIL & GREASE FREON EXTR-GRV METH	SAMPLE MEASUREMENT	*****	*****		*****	30.000	100.000	0	4 / 31	GRAB												
00556 1 0 0	PERMIT REQUIREMENT	NONE	NONE		*****	<5.0	<5.0		1/7	GRAB												
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		NONE	15.000	20.000	0	51 / 31	GRAB												
50060 1 0 0	PERMIT REQUIREMENT	NONE	NONE		*****	*****	0.021		5/7	CALC												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	MASSOUD BAJESTANI	<table border="1"> <thead> <tr> <th colspan="2">TELEPHONE</th> <th colspan="2">DATE</th> </tr> <tr> <th>AREA</th> <th>CORE</th> <th>NUMBER</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>423</td> <td>843-6700</td> <td>99</td> <td>06</td> </tr> </tbody> </table>									TELEPHONE		DATE		AREA	CORE	NUMBER	YEAR	423	843-6700	99	06
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AREA	CORE	NUMBER	YEAR																			
423	843-6700	99	06																			
SITE VICE PRESIDENT	SITE VICE PRESIDENT	<table border="1"> <thead> <tr> <th colspan="2">TELEPHONE</th> <th colspan="2">DATE</th> </tr> <tr> <th>AREA</th> <th>CORE</th> <th>NUMBER</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>423</td> <td>843-6700</td> <td>99</td> <td>06</td> </tr> </tbody> </table>									TELEPHONE		DATE		AREA	CORE	NUMBER	YEAR	423	843-6700	99	06
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TELEPHONE		DATE																				
AREA	CORE	NUMBER	YEAR																			
423	843-6700	99	06																			

Alana J. Brink
Environmental Supervisor
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMITMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here

No closed mode operation. ERCW phosphate-co polymer blend (PCL-222) injection occurred. The maximum calculated concentration was 0.069 mg/L (limit is 0.100 mg/L). ERCW Dimethyltinide (CL-363) injection occurred. The maximum calculated concentration was 0.011 mg/L (limit is 0.100 mg/L).

Name TVA-SEQUOYAH NUCLEAR PLANT
 Address P.O. BOX 2000
(HIEROFFICE SB 2A)
 Facility SODDY DAIN, TN 37384-2000
 Location TVA-SEQUOYAH NUCLEAR PLANT
HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

IND026450
 PERMIT NUMBER

107 G
 DISCHARGE NO

Metal Cleaning Waste
 Pond

From: 99 05 01 To: 97 05 31
 MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.026	0.043							
50050 1 0 0				MGD						
107										
PH										
00400 1 0 0										
107										
SOLIDS, TOTAL SUSPENDED										
00530 1 0 0										
107										
OIL & GREASE FREON EXTR-GRAV METH										
00556 1 0 0										
107										
PHOSPHORUS, TOTAL (AS P)										
00665 1 0 0										
107										
COPPER, TOTAL (AS CU)										
01042 1 0 0										
107										
IRON, TOTAL (AS FE)										
01045 1 0 0										
107										

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

Anna J. Bodine
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Masoud Bajestani
 Site Vice President

TELEPHONE
 843-6700
 AREA CODE
 423

DATE
 99 07 07

DATE
 97 07 07

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

There were 2 releases during May. No phosphate bearing chemicals were employed.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if differ

Name: IVA-SEQUOYAH NUCLEAR PLANT
Address: P.O. BOX 2000
(INTER-OFFICE SB 2A)
SODDY DAVIS, TN 37384-2000
Facility: IVA-SEQUOYAH NUCLEAR PLANT
Location: HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

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

IND0026450
PERMIT NUMBER

110 G
DISCHARGE NO.

Recycled Cooling
Water

MONITORING PERIOD
From: YEAR 99 MO 05 DAY 01 To: YEAR 99 MO 05 DAY 31

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****		*****	*****					
	PERMIT REQUIREMENT	NONE		NONE	NONE	38,336	DEG-C	1/1	M-GRAB	
PH	SAMPLE MEASUREMENT	*****		*****	*****					
	PERMIT REQUIREMENT	NONE		NONE	NONE	9,000	PH UNIT	1/7	GRAB	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****		*****	*****					
	PERMIT REQUIREMENT	NONE		NONE	NONE	100	MG/L	1/7	M-GRAB	
SODIUM	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
SULFATE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
TOTAL DISSOLVED SOLIDS	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
BOD	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
COD	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NITRATE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NITRITE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
AMMONIA	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
CYANIDE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
HEAVY METALS	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
OTHER	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE'S AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)			 Environmental Supervisor SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE: 423 843-6700 AREA CODE: NUMBER		DATE: 99 06 11 YEAR MO DAY	
COMMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here		TYPED OR PRINTED Masoud Bajestani Site Vice President								

No flow.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if differ

Name TVA-SEQUOYAH NUCLEAR PLANT

Address P.O. BOX 2000

(MICROFILM 5B 2A)

Facility SODDY DASH, TN 37384-2000

Location TVA-SEQUOYAH NUCLEAR PLANT

Location HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV MGR

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

PERMIT NUMBER
TN0026450

112 G
DISCHARGE NO.

Sewage Treatment
Plant

MONITORING PERIOD
From: YEAR 99 MO 05 DAY 01 To: YEAR 99 MO 05 DAY 31

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C)									
00310 1 0 0	*****	*****	LBS/DA	*****	*****	*****			
112	NONE	NONE		NONE	30,000	45,000		2/30	GRAB
SOLIDS, TOTAL SUSPENDED									
00530 1 0 0	*****	*****	LBS/DA	*****	*****	*****			
112	NONE	NONE		NONE	30,000	45,000		2/30	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT									
50050 1 0 0	*****	*****	MGD	*****	*****	*****			
112	NONE	NONE		NONE	NONE	NONE		CONT	REC'D
SOLIDS, SETTLEABLE									
00545 1 0 0	*****	*****		*****	*****	*****			
112	NONE	NONE		NONE	NONE	1,000		2/7	GRAB
COLIFORM, FECAL									
31616 1 0 0	*****	*****		*****	*****	*****			
112	NONE	NONE		NONE	200.00	1000.000		2/30	GRAB
CHLORINE, TOTAL RESIDUAL									
50060 1 0 0	*****	*****		*****	*****	*****			
112	NONE	NONE		NONE	NONE	2,000		5/7	GRAB
NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER Signature: <i>Alma J. Spalding</i> Environmental Supervisor SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
TELEPHONE: 843-6700 AREA CODE: 423 NUMBER: 843-6700									
DATE: 06 11 YEAR: 99 MO: 06 DAY: 11									

COMMENT AND EXPLANATION OF ANY VIOLATIONS Reference all attachments here
Sewage flow has been diverted from this system since January, 1998. DSN-112 is now in stand by status.

Name	IYA-SEQUOYAH NUCLEAR PLANT
Address	P.O. BOX 2000 (INTER-OFFICE SB 2A)
Facility	SOODY DASH IN 37364 - 2000
Location	IYA-SEQUOYAH NUCLEAR PLANT HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV MGR.

INF0026450	118 G	Wastewater & Storm Water
PERMIT NUMBER	DISCHARGE NO.	

YEAR		MO		DAY		MONITORING PERIOD	
99		05		01		To: 99 05 31	

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT	NONE	NONE	MGD	NONE	NONE	NONE		1/BAT	CALC
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		*****	*****				
	PERMIT REQUIREMENT	NONE	NONE		2.000	NONE	NONE	MG/L	2/7	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	*****				
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	100.000	MG/L	2/7	GRAB
SOLIDS, SETTLABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****				
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	1.000	ML/L	1/30	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Musoud Bojefani
Site Vice President
TYPED OR PRINTED

Musoud J. Bojefani
Environment & Supervisor
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
423 843-6700
AREA NUMBER

DATE
99 06 11
YEAR MO DAY

COMPLAINTEE AND EXPLANATION OF ANY VIOLATIONS. *Reference to all other comments here*

During the reporting period, there has been no flow from the Dredge Pond other than that resulting from rainfall.

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

Name **IYA-SEQUOYAH NUCLEAR PLANT**

Address **P.O. BOX 2000**

(INTEROFFICE 50 2A)

Facility **SODDY DAIKY IN 37364 - 2000**

Location **IYA-SEQUOYAH NUCLEAR PLANT**

HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

TN0026450

PERMIT NUMBER

101 G

DISCHARGE NO

Diffuser Discharge

From:

YEAR	MO	DAY
99	06	01

 To:

YEAR	MO	DAY
99	06	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	1763		*****	*****	*****	0	30 / 30	RECORD		
50050 1 0 0	PERMIT REQUIREMENT	NONE	NONE	MGD	NONE	NONE	NONE		CONT	RECORD		
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	42.444	42.444	0	30 / 30	RECORD		
00010 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	NONE		CONT	RECORD		
DELTA TEMPERATURE - C	SAMPLE MEASUREMENT	*****	*****		*****	2.5	2.5	0	30 / 30	CALC		
00016 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	NONE		CONT	CALC		
PH	SAMPLE MEASUREMENT	*****	*****		*****	7.84	7.84	0	10 / 30	GRAB		
00000 1 0 0	PERMIT REQUIREMENT	NONE	NONE		6.0	NONE	9.0		177	GRAB		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	4.6	6	0	5 / 30	GRAB		
00050 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	30.000	100.000		177	GRAB		
OIL & GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	<5.0	<5.0	0	5 / 30	GRAB		
00055 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	15.000	20.000		177	GRAB		
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	0.023	0.023	0	60 / 30	GRAB		
50060 1 0 0	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	.058		577	CALC		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE			DATE	
Musoud Bajestani					<i>Musoud Bajestani</i>			423 843-6700			99 07 09	
Site Vice President					Environmental Supervisor			AREA CODE			NUMBER	
TYPED OR PRINTED								NUMBER			MO DAY	

COMMITTEE AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here

No closed mode. ERCW phosphate-co polymer blend (PCL-272) injection occurred. The max. calc. conc. was 0.061 mg/L (limit is 0.100 mg/L). ERCW dimethylamide (CL-363) injection occurred. The max. calc. conc. was 0.006 mg/L (limit is 0.100 mg/L). RCW quatitrary amine (H-130) injection occurred. The max. calc. conc. was 0.036 mg/L (limit is 0.050 mg/L).

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used

(REPLACES EPA FORM 1-80 WHICH MAY NOT BE USED)

Page 1 of 7

Quarterly DMR Data
for
4/99, 5/99, 6/99

CCW CHANNEL RESULTS

DATE	Diesel Range Organic (mg/L)	Total water Hydrocarbons (mg/L)	Comments
04/07/99	< 0.1	< 1.0	
04/14/99	< 0.1	< 1.0	
04/21/99	< 0.1	< 1.0	
04/28/99	< 0.1	< 1.0	
05/05/99	< 0.1	< 1.0	
05/12/99	< 0.1	< 1.0	
05/19/99	< 0.1	< 1.0	
05/26/99	< 0.1	< 1.0	
06/02/99	< 0.1	< 1.0	
06/09/99	< 0.1	< 1.0	
06/16/99	< 0.1	< 1.0	
06/23/99	< 0.1	< 1.0	
06/30/99	< 0.1	< 1.0	

TRENCH DISCHARGE EFFLUENT RESULTS

DATE	DIESEL RANGE ORGANIC (mg/L)	TOTAL WATER HYDROCARBONS (mg/L)	Comments
04/07/99	< 0.1	< 1.0	
04/14/99	< 0.1	< 1.0	
04/21/99	0.4	< 1.0	
04/28/99	0.2	< 1.0	
05/05/99	0.6	< 1.0	
05/12/99	0.4	< 1.0	
05/19/99	0.4	< 1.0	
05/26/99	0.5	< 1.0	
06/02/99	0.6	< 1.0	
06/09/99	0.5	< 1.0	
06/16/99	0.4	< 1.0	
06/23/99	1.8	< 1.0	
06/30/99	1.3	< 1.0	

Facility: IVA-SEQUOYAH NUCLEAR PLANT

Address: P.O. BOX 2000

(INTER-OFFICE USE ONLY)

Facility: IVA-SEQUOYAH NUCLEAR PLANT

Location: HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

DISCHARGE MONITORING REPORT (DMR)

TH0026450

103 G

Low Vol. Waste Treatment Pond

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
99	06	01	To	99	06 30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OIL & GREASE FREON EXIR-GRAB										
MECH										
00556 1 0 0										
103										
SOLIDS, TOTAL SUSPENDED										
00530 1 0 0										
103										
FLOW, IN CONDUIT OR THRU TREATMENT PLANT										
00050 1 0 0										
103										
PH										
00000 1 0 0										
103										

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER

Musoud Bojestani

Site Vice President

TYPED OR PERMANENT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY KNOWLEDGE OF THE INFORMATION, I BELIEVE THE INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 19 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Signature of Principal Executive Officer

ENVIRONMENTAL SUPERVISOR

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 843-6700

423

843-6700

PH UNIT

DATE: 99 07 12

YEAR 99 MO 07 DAY 12

NUMBER

AREA CODE

MO DAY

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

No comments.

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

Name **TVA-SQUOYAH NUCLEAR PLANT**

Address **P.O. BOX 2003**

(INTEROFFICE 5B 2A)

SODDY DASH, TN 37384 - 2000

Facility **TVA-SQUOYAH NUCLEAR PLANT**

Location **HAMILTON COUNTY**

ATTN: **DEBBIE BODINE, ENV. MGR.**

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

IN0026450

PERMIT NUMBER

107 G

DISCHARGE NO.

Metal Cleaning Waste Pond

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	06	01	To: 99	06	30

From:

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT										
50050 1 0 0	PERMIT REQUIREMENT			MGD	*****	*****	*****			
PH	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	NONE		1/1	CALC
00400 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
107	SAMPLE MEASUREMENT	NONE	NONE		6.0	NONE	9.0		1/1	GRAB
SOLIDS, TOTAL SUSPENDED										
00530 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	30.000		1/1	BHRCOM
OIL & GREASE FREON EXTR-GRAB METH										
00556 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/1	GRAB
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	15.000			
PHOSPHORUS, TOTAL (AS P)										
00665 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000		1/1	BHRCOM
COPPER, TOTAL (AS CU)										
01042 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000		1/1	BHRCOM
IRON, TOTAL (AS FE)										
01045 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			
107	SAMPLE MEASUREMENT	NONE	NONE		NONE	NONE	1.000		1/1	BHRCOM
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1221 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)			TELEPHONE			DATE		
Mansoud Bajestani					423 643-6700			99 07 09		
Site Vice President					423 AREA CODE			NUMBER MO DAY		
TYPED OR PRINTED										

Mansoud Bajestani
Environmental Supervisor
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

There were no releases during June. No phosphate bearing chemicals were employed.

Plant name	IVA-SEQUOYAH NUCLEAR PLANT
Address	P.O. BOX 2000 (INTEROFFICE SB 2A)
Facility	SODDY DAINY TRL. 37384 2000
Location	IVA-SEQUOYAH NUCLEAR PLANT HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

IN0026450
PERMIT NUMBER

110G
DISCHARGE NO.

Recycled Cooling
Water

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	06	01	To:	99	06 30

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE		SAMPLE MEASUREMENT	*****	*****		*****					
00010 1 0 0		PERMIT REQUIREMENT									
110		SAMPLE MEASUREMENT	NONE	NONE	NONE	NONE	DEG-C		1/1	M-GRAB	
PH			*****	*****		*****					
00010 1 0 0		PERMIT REQUIREMENT	NONE	NONE		NONE	PH UNIT		1/7	GRAB	
110		SAMPLE MEASUREMENT	*****	*****		*****					
CHLORINE, TOTAL RESIDUAL			NONE	NONE	NONE	NONE	MG/L		1/7	M-GRAB	
50000 1 0 0		PERMIT REQUIREMENT									
110		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
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		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									

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

No flow.

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

Name TVA SEQUOYAH NUCLEAR PLANT
 Address P.O. BOX 2000
(INTEROFFICE SD 2A)
SODDY-DAISY, TN 37364-2000
 Facility TVA SEQUOYAH NUCLEAR PLANT
 Location HAMILTON COUNTY

ATTN: DERBBIE BODINE, ENV. MGR.

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER
TN0026450

DISCHARGE NO.
112 G

Sewage Treatment Plant

MONITORING PERIOD
 From: YEAR 99 MO 06 DAY 01 To: YEAR 99 MO 06 DAY 30

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C)									
00310 1 0 0	*****	*****		*****					
PERMIT REQUIREMENT									
SOLIDS, TOTAL SUSPENDED									
00530 1 0 0	NONE	NONE	LBS/DA	NONE	30.000	45.000		2/30	GRAB
PERMIT REQUIREMENT									
FLOW, IN CONDUIT OR THRU TREATMENT PLANT									
50050 1 0 0	NONE	NONE	LBS/DA	NONE	30.000	45.000		2/30	GRAB
PERMIT REQUIREMENT									
SOLIDS, SETTLEABLE									
00545 1 0 0	NONE	NONE	MGD	NONE	NONE	NONE		CONT	RECORD
PERMIT REQUIREMENT									
COLIFORM, FECAL									
31616 1 0 0	NONE	NONE		NONE	NONE	1.000		2/7	GRAB
PERMIT REQUIREMENT									
CHLORINE, TOTAL RESIDUAL									
50060 1 0 0	NONE	NONE		NONE	200.00	1000.000		2/30	GRAB
PERMIT REQUIREMENT									
50060 1 0 0	NONE	NONE		NONE	NONE	2.000		5/7	GRAB
PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE		DATE	
Masoud Bojestani			<i>Masoud Bojestani</i>			423 843-6700		99 07 09	
Site Vice President			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			NUMBER		YEAR MO DAY	
TYPED OR PRINTED						AREA CODE			

COMMENT AND EXPLANATION OF ANY VIOLATIONS. Reference all attachments here

Sewage flow has been diverted from this system since January, 1998. DSN-112 is now in stand-by status.

DISCHARGE MONITORING REPORT (DMR)

IVC-SEQUOYA NUCLEAR PLANT

Address P.O. BOX 2000

(INTEROFFICE SA 2A)

SOODY-DAISY, IN 37384 - 2000

Applied
IVA SEQUOIA NUCLE

Location HAMILTON COUNTY

ATTN: DEBBIE BODINE, ENV. MGR.

UNION 25450

PERMIT NUMBER

1190

DISCHARGE NO.

Winstanley & Storm

Water

MONITORING PERIOD

DAY	YEAR	MO	DAY
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01	To:	99	06	30
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From:

MGR.

VE, ENV.

THE BODY

N. DEBBE

AIII

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
50050 1 0 0											
118											
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
00300 1 0 0											
118											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
00530 1 0 0											
118											
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
00545 1 0 0											
118											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				ADDRESS: <i>Adrian J. Redard</i> ENVIRONMENTAL SUPERVISOR SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE		
Masoud Bajostani		423		843-6700		99		07		09	
Site Vice President		AREA		NUMBER		YEAR		MO		DAY	
TYPED OR PRINTED											

COMPLAINT AND EXPLANATION OF ANY VIOLATIONS: Reference all attachments here

During the reporting period, there has been no flow from the Dredge Pond other than that resulting from rainfall.