

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

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

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

(2-16)  
TN06-450  
PERMIT NUMBER

(17-19)  
101  
DISCHARGE NUMBER

DIFFUSER GATE

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

FACILITY SEQUOYAH NUCLEAR PLANT  
LOCATION SODDY, TN 37379

MONITORING PERIOD								
YEAR	MO	DAY	YEAR	MO	DAY			
85	04	01	TO	85	04	30		
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)		

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	1578	1779	MGD					0	CONT	REC
	PERMIT REQUIREMENT		NA							CONT	REC
AMBIENT TEMPERATURE	SAMPLE MEASUREMENT	64.5	73.7	°F					0	27/30**	GR
	PERMIT REQUIREMENT		NA							CONT	REC
DISCHARGE TEMPERATURE (OPEN MODE)	SAMPLE MEASUREMENT	75.4	79.5	°F					0	27/30**	REC
	PERMIT REQUIREMENT		112.5							CONT	REC
DISCHARGE TEMPERATURE (HELPER MODE)	SAMPLE MEASUREMENT		*	°F							
	PERMIT REQUIREMENT		97.0							CONT	REC
DISCHARGE TEMPERATURE (CLOSED MODE)	SAMPLE MEASUREMENT		*	°F							
	PERMIT REQUIREMENT		101.0							1/1	GR
DOWNSTREAM TEMPERATURE	SAMPLE MEASUREMENT	66.7	72.5	°F					0	27/30**	REC
	PERMIT REQUIREMENT		86.9							CONT	REC
RESERVOIR TEMPERATURE RISE	SAMPLE MEASUREMENT	0.97	4.2	°F					0	30/30	CAL
	PERMIT REQUIREMENT		5.4							CONT	CAL

8510240045 851018  
PDR ADOCK 05000327  
R PDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARTIN E. RIVERS, DIRECTOR  
OF ENVIRONMENTAL QUALITY  
STAFF

TYPED OR PRINTED

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

*Martin E. Rivers*  
SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

ETS  
AREA  
CODE

856-6601  
NUMBER

85 09 28  
YEAR MO DAY

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

\*PLANT OPERATED IN OPEN MODE ALL MONTH.  
\*\*COMPUTER MALFUNCTION THREE DAYS THIS REPORTING PERIOD.

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LOCATION SODDY, TN 37379

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

(2-16)

(17-19)

TN0026450

PERMIT NUMBER

101

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DIFFUSER GATE

Form Approved  
CMB No. 2040-200-  
Expires 2-29-84

MONITORING PERIOD

FROM 

YEAR	MO	DAY
85	04	01

 TO 

YEAR	MO	DAY
85	04	30

  
(10-11) (12-13) (14-15) (16-17) (18-19) (20-21)

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
RESERVOIR TEMPERATURE RATE OF CHANGE	SAMPLE MEASUREMENT	0.6	1.8	°F/HR					0	30/30	CAL
	PERMIT REQUIREMENT		3.6							CONT	CAL
TOTAL CHLORINE RESIDUAL	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	MG/L	0	10/30	CAL
	PERMIT REQUIREMENT						0.10			5/7	CAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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