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

NAME: TENNESSEE VALLEY AUTHORITY
ADDRESS: 6411 E. BRAINERD RD
CHATTANOOGA, TENNESSEE 37421

FACILITY LOCATION: WATTS BAR NUCLEAR PLANT
SPRING CITY, TENNESSEE

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

Form Approved
OMB No. 158 - R0073

(2-16) TN0020158 — PERMIT NUMBER

(17-19) 102 — DISCHARGE NUMBER

YARD HOLDING POND

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	87	07	01	TO	87	07	31
	(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) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
50050 MGD FLOW-MGD	SAMPLE MEASUREMENT	24.13	53.28	MGD				MGD	0	29/30	WEIR
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	NONE			2/7	INST
00556 MG/L OIL GRSE-FREON-GR	SAMPLE MEASUREMENT	<957.2	<1983.9	LB/DAY	< 5.0	< 5.0	< 05.0	MG/L	0	5/30	GR
	PERMIT REQUIREMENT	NONE	NONE		NONE	15.00	20.00			1/7	GR
00530 MG/L RESIDUE-TOT NFLT	SAMPLE MEASUREMENT	1638.1	4065.5	LB/DAY	5.3	8.3	12.5	MG/L	0	27/30	GR
	PERMIT REQUIREMENT	NONE	NONE		NONE	30.00	100.0			2/7	GR
50060 MG/L CL2-RESIDUAL	SAMPLE MEASUREMENT	< 4.54	<11.55	LB/DAY	<0.03	<0.03	<0.03	MG/L	0	208/30	MULT GR
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	.1000			1/DAY	GR
39516 MG/L PCB	SAMPLE MEASUREMENT			LB/DAY			*	MG/L	0		
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	0.000			1/180	GR
00403 S.U. PH-LAB	SAMPLE MEASUREMENT				7.6		8.9	S.U.	0	27/30	GR
	PERMIT REQUIREMENT	NONE	NONE		6.000	NONE	9.000			1/DAY	GR
00010 Degrees C TEMP-WATER-C	SAMPLE MEASUREMENT	8809010014 880824 PDR ADOCK 05000390 R PNU			26.0	27.2	30.0	Degrees C	0	27/30	GR
	PERMIT REQUIREMENT	NONE	NONE		NONE	NONE	30.50			1/DAY	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

M. PAUL SCHMIERBACH
MANAGER OF EQS

TYPED OR PRINTED

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

M. Paul Schmierbach
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 615 — NUMBER 856-6601

DATE: YEAR 88 — MO 08 — DAY 15

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

LIMITATIONS AND MONITORING REQUIREMENTS FOR PH AND TOTAL RESIDUAL CHLORINE ARE APPLICABLE ONLY DURING PERIODS OF DIRECT DISCHARGE TO THE TENNESSEE RIVER. TEMPERATURE MONITORING REQUIRED ALSO.

*Semi-annual sample collected in April.