

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

May 24, 2000

New Jersey Department of Environmental Protection Division of Water Quality Bureau of Permit Management P.O. Box 029 Trenton, NJ 08625-0029 Certified Mail Number Z 449 228 456

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORTS SALEM GENERATING STATION PERMIT NO. NJ0005622

Attached is the Discharge Monitoring Report for Salem Generating Station containing the information as required in Permit No. NJ0005622, for the month of April 2000.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analyses required to be performed by the above agencies. The choice of the measurement devices and analytical methods is controlled by EPA and NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or any reading or analytical result represents, the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

1111 📈

Martin J. Trum

Vice Prešident Maintenance

Attachments

IE25

NJPDES Report April 2000

C Executive Director – DRBC
USNRC – Document Control Desk Unit#1-50-272 Unit#2-50-311
Vice President Operations
Licensing Manager
M. Vaskis
D. Hurka
J. Schloss
Central Record Facility
E. Keating

NJPDES Report Explanation of Deviations April 2000

The following explanations are included to clarify possible deviations from permit conditions.

General -

The columns labeled, "No. Ex. " on the enclosed DMR, tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

All reported concentrations are based on daily discharge values.

Total residual chlorine is performed three times per week during chlorination unless otherwise indicated.

Analytical values which are less than detectable are reported as zero unless otherwise indicated.

Analytical results for all parameters other than pH, temperature, TSS, TRC and Bioassay results are provided by Raytheon Environmental Services Laboratory. (NJDEP certification 77343) or South Jersey Testing Laboratory (NJDEP certification 06431). Bioassay results are provided by New England Bioassay, Inc. (NJDEP certification 46405).

Net negative discharge values are reported as negative.

489C-

Flow through outfall 489 is calculated based on Oil Water Separator Lift Pump run times.

481-486 -

Chlorination of the circulation water system normally does not occur except as otherwise noted. Service water system chlorination is normally continuous and is monitored on the circulating water system outfall.

Chlorination of both systems will be indicated by results reported for both and represents their combined effect upon the circulating water outfall.

NJPDES Report Explanation of Deviations April 2000

48C

Non-Radioactive Liquid Waste - This system continues to be operated in a batch mode to treat for hydrazine and ammonia by the addition of sodium hypochlorite. No hydrazine has been discharged from this outfall during the reporting period. Residual chlorine is monitored at the outfalls of DSN's 481, 482, 484, and 485, and has not exceeded the permit limits at these outfalls.

The following excursions are included in the attached report and are explained below. Excursions have not endangered nor significantly impacted public health or the environment.

DSN NO.

EXPLANATION

None

COUNTY OF SALEM STATE OF NEW JERSEY

- I, Martin J. Trum, of full age, being duly sworn according to law, upon my oath depose and say:
 - 1. I am the Vice President, Maintenance for PSEG Nuclear, and as such, am authorized to sign Salem's Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
 - 2. I have reviewed the attached Discharge Monitoring Reports. Pursuant to N.J. A. C. 7:14A-2.4, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals 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.
 - 3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.

Martin J. Trun Vice President Maintenance

Sworn and subscribed before me this 24 day of 114 2000

Sheri (Huston Commission expires 12/8/2003 NJPDES NO.

NEW JERSEY DEPARTMENT OF ENVIROMENTAL PROTECTION DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

		DES NO.	REPORTING PERIOD		
	1 <u>010</u>	0 5 6 2 2	Mo. Yr.		
PERMITTEE:	Name :	Public Service Electric and	Gas Company		<u>-</u> :
	Address:	P.O. Box 236			<u>.</u>
FACILITY:	Name :	Salem Nuclear Generating	Station		
	Address:	Alloway Creek Neck Road			<u>.</u>
		Hancock's Bridge			<u>.</u>
	Telephone	e:_(856) 935-6000			<u>.</u>
FORMS ATTA	ACHED (In	dicate Quantity of Each)	Operating Exceptions		
SLUDGE REP <u>0</u> T-VWX-007 0 EPA FORM	7 <u>0</u> T-VW	TTARY X-008 <u>0</u> T-VWX-009	DYE TESTING	Yes <u>X</u>	No
SLUDGE REP		ISTRIAI	TEMPORARY BYPASSING		<u>X</u>
<u>0</u> T-VWX-010			DISINFECTION INTERUPTION		<u>X</u>
WASTEWATE		TS X-012 <u>0</u> T-VWX-013	MONITORING MALFUNCTIONS	_	<u>X</u>
GROUNDWA'		_	UNITS OUT OF OPERATION	_	<u>X</u>
	,B) <u>0</u> VW	/X-016 <u>0</u> VWX-017	OTHER		<u>X</u>
		ONITORING REPORT	(Detail any "Yes" on reverse side in app	ropriate :	space)
12 EPA FORM		ONITORING REPORT	NOTE: The "Hours Attended at Plant" of this sheet must also be completed.	on the rev	erse'
of supervision in those persons dir belief, true, accur	accordance ectly respon rate, and con	with a system designed to assusible for gathering the informat	his document and all attachments were prepared under my inquiry of the person or persons who manazion, the information submitted is, to the best of me significant penalties for submitting false information.	age the sys	stem or
LICENSED OF	PERATOR		PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE	VΕ	
Name (Printed) Grade & Rogis		n F. Leopardi	Name (Printed) Martin J. Trum Title (Printed) Wice President Maintenan	ice	<u>-</u> -
Signature Oate	5/2	Blas	Signature Signature		

DSN 48C
EXPLANATION OF REDUCED MONITORING AND LABORATORY ERROR
SEE ATTACHED

HOURS ATTENDED AT PLANT

Month 0 4 Year 0 0

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator			8	8	8	8	8			8	8	8	8	8	15	10
Others	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	_
Licensed Operator	8	8	8	8	8			8	8	8	8	8				
Others	4	4	4	4	4	4	4	4	4	4	4	4	4	4		

PUBLIC SERVICE ELECTRIC & GAS COMPANY
SALEM GENERATING STATION
NJPDES PERMIT NO. NJ0005622
APRIL 2000 - DISCHARGE MONITORING REPORT
DSN 48C
EXPLANATION OF REDUCED MONITORING AND LABORATORY ERROR

NJPDES Permit No. NJ0005622 requires sampling of selected parameters for DSN 48C two times per month. Public Service Electric and Gas Company (PSE&G) obtained the required number of samples and submitted them to South Jersey Testing Laboratory (NJ Laboratory Certification No. 06431) for analysis. On May 2, 2000, PSE&G was notified that the results for a split sample analyzed for Total Organic Carbon (TOC) were 52.2 ppm and 5.7 ppm. PSE&G questioned the disparity between the results and the samples were re-run after removing chemical interference and yielded results of 32 ppm and 29.5 ppm. The lab also indicated that they were having problems with their TOC analyzer and had called a serviceman. Please refer to the attached letter dated May 5, 2000 documenting these facts. As the re-run of the original sample occurred after the permitted holding time for TOC, the results could not be used for the April DMR. Additionally, as PSE&G was not notified of the results until after the monitoring period had passed, no replacement samples could be obtained.

While reviewing the lab reports for April, it was observed that a sample for Total Suspended Solids (TSS) collected by PSE&G on April 19, 2000 and submitted to South Jersey Testing Laboratory on April 20, 2000 was not analyzed until April 28, 2000 which exceeded the permitted holding time for TSS. Again, because the permitted holding time had been exceeded the results could not be used for the April DMR and as PSE&G was not notified of the results until after the monitoring period had passed, no replacement samples could be obtained. Please refer to the attached letter dated May 10, 2000 documenting these facts.

PSE&G believes and maintains that it was in compliance with the monitoring requirements for DSN 48C and due solely to laboratory error, was unable to report the required number of samples for the April 2000 monitoring period.



South Jersey Testing Laboratory

90 Rosenhayn Ave., Bridgeton, NJ 08302

MAILING: P.O. Box 360 Bridgeton New Jersey 08302

(856) 455-4204 Fax (856) 453-9113

May 5, 2000

PSE & G Hope Creek-Solem Generating Station Attn: Gameon Biggs

Samples

15392-5 NRW

15392-6 NRW-Tier Two

Samples were received on 4-5-00.

Tested initially for Total Organic Carbon on 5-1-00.

Both samples were tested for "FREE CHLORINE" prior to testing. Since there was no evidence of Free Chlorine the samples were not treated with Sodium Sulfite prior to analyzation. The results were as follows.

15392-5

TOC of 52.2

15392-6

TOC of 5.7

On 5-3-00 it was determined that the samples were found to have Total Chlorine in them. Sodium Sulfite was used to remove the chlorine and the TOC's were re-run. The results are as follows:

15392-5

TOC of 32

15392-6

TOC of 29.5

A duplicate was run on both samples and found to be consistent.

We have been experiencing erratic readings on our analyzer and a serviceman has been scheduled to service the unit on 5-8-00.

Spikes were run at a concentration of 5ppm and both were at 108%.

If you need more information, please don't hesitate to call. Thank you for your patience.

Your May results should be available by the end of next week.

Sincerely,

Lisa Carroll

Lab Technician

Lisa Carroll



South Jersey Testing Laboratory

90 Rosenhayn Ave., Bridgeton, NJ 08302 MAILING: P.O. Box 360 Bridgeton New Jersey 08302

(856) 455-4204 Fax (856) 453-9113

May10, 2000

PSE & G MC S07 P.O. Box 236 Hancocks Bridge, NJ 08038

NTS-Environmental Gamon Biggs

Dear Mr. Biggs:

This letter is in reference to your sample of April 19, 2000 that was to be analyzed for TSS. This sample was received in our lab on Thursday, April 20th. Our normal procedure is to run TSS every Friday, but as this was Easter weekend the lab was closed on Good Friday. Your sample was the only one received that week for TSS, and unfortunately it was missed until Friday, April 28th when it was finally analyzed. I realize that it was passed its 7 day holding time by the time the analysis was done.

I do not want to offer excuses for our obvious oversight, but I do want to assure you that steps have been taken to guarantee this does not happen again. We value you as a client and want to continue to meet your testing requirements.

I apologize for the problems this has caused. If you have any further questions, please do not hesitate to contact me.

Sincerely,

Elizabeth R. Roberts

Elizabeth G. Robert

Owner



TO:

Dave Hurka

Sr. Staff Engineer - Nuclear

PSE&G

May 9, 2000

Report No.TP00020

SUBJECT:

DETERMINATION OF CIRCULATING WATER FLOW AT SALEM

GENERATING STATION - UNIT NO. 2

CONDUCTED BY: Joseph Fiumara

Sr. Test Engineer, Maplewood Testing Services

PURPOSE

To determine the flow capacities of the Unit No. 2 circulating water pumps.

SUMMARY

On April 26, 2000 the Mechanical Division of Maplewood Testing Services conducted a series of test runs at Salem Unit No. 2 to determine the capacities of the 21A, 21B, 22A, 22B, 23A and 23B (CMS designations I, D, J, G, 2592(new pump) and F respectively) circulating water pumps.

Work was performed under SAP work orders 30002152, 30002153, 30002154, 3002155, 30002157 and 30002158.

Final test results are shown in Table 1 and Figure 1.

TEST METHOD

The circulating water flow rate was determined by fluorometry using MTS Mechanical Division Work Instruction TPG-19 "Water Flow Using The Turner Fluorometer". Rhodamine WT dye was injected into the bell mouth of each pump using ½ inch PVC pipe with a carrier flow of screen wash water at 3 gallons per minute.

Dave Hurka Sr. Staff Engineer - Nuclear PSE&G

May 9, 2000 Report No.TP00020

TEST METHOD(Cont'd)

The dye was injected at a known rate using a peristaltic pump and a class A burette to measure rate. The diluted sample was retrieved and monitored by taking a sample from the inlet water box piping. The ratio of the injected concentration to the sampled concentration multiplied by the injection flow rate yielded the circulator flow rate.

The total dynamic head was obtained by measuring the pump suction head in feet from elevation 100 and the pump discharge head in feet of water at the water box inlet. After correcting for elevation the total dynamic head was calculated as the pump discharge head minus the pump suction head.

Manager

Mechanical Division

c F. Todd K. Botto

Senior Supervising Test Engineer Mechanical Division

S:\mech\mag\tp00020\report.doc

Table 1 Salem Generating Station Circulating Water Pump Flow Test

Maplewood Testing Services Mechanical Division

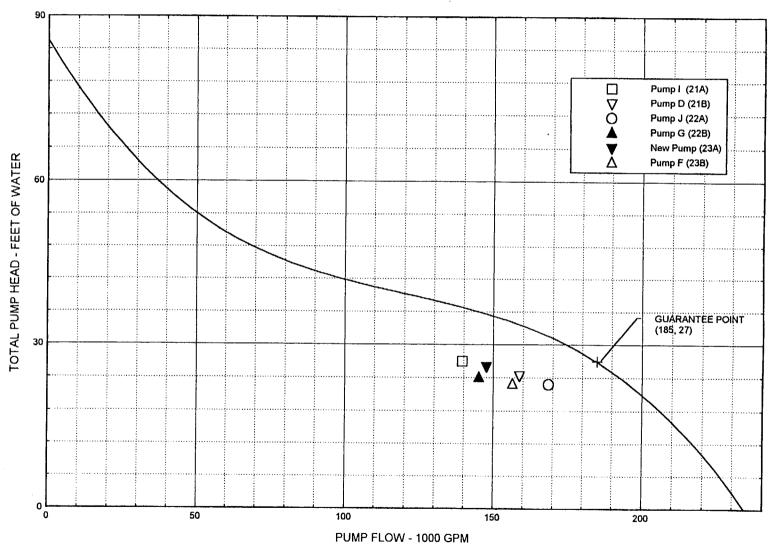
Report Number TP00020

SUMMARY OF TEST RESULTS

Pump	CMS	Test	Measured	Pump	Pump	Total
No.	Pump	Date	Pump	Suction	Discharge	Dynamic
	Desig.		Capacity	Head	Head	Head
			(gpm)	(ft h2o)	(ft h2o)	(ft h2o)
21A	1	04/26/00	139,532	-9.3	17.7	27.0
				3.0	17.7	21.0
21B	D	04/26/00	. 158,672	-8.7	15.7	24.4
22A	J	04/26/00	168,511	-7.8	15.0	22.8
22B	G	04/26/00	145,116	-7.3	16.7	24.0
23A	2592	04/26/00	147,626	-6.4	19.7	26.1
23B	F	04/26/00	156,425	-6.6	16.3	22.9

Note: Pump suction heads and discharge heads corrected to elevation 100'

SALEM GENERATING STATION - UNIT NO.2 TOTAL PUMP HEAD VS. CIRCULATING WATER PUMP FLOW



MAJOR

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622 PERMIT NUMBER

FACA
DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY TO TO 00 04 30 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

THERMAL DSCHG FOR DSN 481-483 SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	FACA	042000	(20-21) (2	22-23) (24	-25) (26-27) (28	8-29) (30-31)		0_01,	V.122	
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	UNITS	(4 Card Only) (38-45)	QUALITY OR CONCEN (46-53)	TRATION (54-61)	UNITS	NO. FREQ. EX. OF (62 ANALYSIS 63) (64-68)	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. CENTRIGADE	SAMPLE MEASUREMENT	****	*****		*****	20.3	23.4		0CONTIN UOUS	CONTIN
00010 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	46.1 01DAMX	DEG.C		CONTIN
TEMPERATURE, WATER DEG. CENTRIGADE	Sample Measurement	****	*****		*****	7.4	9.7		0CONTIN UOUS	CALCTD
00010 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	****	*****	****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		CALCTD
TEMPERATURE, WATER DEG. CENTRIGADE	SAMPLE MEASUREMENT	****	*****		*****	12.8	14.1		0CONTIN UOUS	CONTIN
00010 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX			CONTIN
1	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
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NAME/TITLE PRINCIPAL EXECUTIVE OFF: MARTIN J. TRUM VICE PRESIDENT MAINTENANCE TYPED OR PRINTED	AND AM FA ON MY INQ OBTAINING IS TRUE, NIFICANT THE POSSI 33 USC \$ \$10,000 a	MILIAR WITH THE UIRY OF THOSE IN THE INFORMATION ACCURATE AND COM PENALTIES FOR SUI BILITY OF FINE AI 1319. (Penalties ad/or maximum im	F LAW THAT I HAVE INFORMATION SUBMIT TO DIVIDUALS IMMEDIAT , I BELEIVE THE SU PLETE. I AM AWARE BMITTING FALSE INF ND IMPRISONMENT. S s under these stat prisonment of betw	TED HEREI ELY RESPO BMITTED I THAT THE ORMATION, EE 18 USC utes may een 6 mon	N; AND BASED NSIBLE FOR NFORMATION RE ARE SIG- INCLUDING 1001 AND include fines up t ths and 5 years.)	SIGNATURE OF EXECUTIVE OF AUTHORIZED A	F PRINCIPAL FFICER OR AL	TELEP 56 935 REA N	-6000 00	05 24 MO DAY

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LABS: 17327 06431 46405 77343

PSE&G

P.O. BOX 236/N21

NAME

ADDRESS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)

(17-19)

NJ0005622 PERMIT NUMBER

FACB DISCHARGE NUMBER

FACILITY PSE&G SALEM GENERATING STATION LOCATION LOWER ALLOWAYS CREEK, NJ 08038

HANCOCKS BRIDGE, NJ 08038

MONITORING PERIOD YEAR MO DAY YEAR DAY MO 0.0 04 01 00 04 30

THERMAL DSCHG FOR DSN 484-486 SOUTHERN REGION / SALEM

MAJOR

DMR NUMBER: NJ0005622	FACB	042000		22-23) (24	and the second s	3-29) (30-31)	OTHERN RE	GION /	DALLE	1/1
PARAMETER	H H	(3 Card Only) (46-53)	QUANTITY OR LOADII (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONCENT (46-53)	TRATION (54-61)		NO. FREQ). SAMPLE
(32-37)				UNITS				UNITS	(62 ANALYS 63) (64-6	SIS TYPE
TEMPERATURE, WATER DEG. CENTRIGADE	SAMPLE MEASUREMENT	*****	*****		*****	21.3	22.8		0 CONT UOUS	INCONTIN
00010 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	46.1 01DAMX	DEG.C		INCONTIN
TEMPERATURE, WATER DEG. CENTRIGADE	SAMPLE MEASUREMENT	*****	*****		*****	8.5	10.1		0 CONT	INCALCTD
00010 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		INCALCTD
TEMPERATURE, WATER DEG. CENTRIGADE	SAMPLE MEASUREMENT	*****	*****		*****	12.8	14.1		0 CONT UOUS	INCONTIN
00010 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		INCONTIN
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EFFLUENT TEMP IS TO BE CALCULATED AS THE COMBINED AVERAGE OF EACH OF THE SEPARATE DISCHARGES 484-486. NET TEMP IS THE DIFFERENCE BETWEEN THE AMBIENT RIVER WATER TEMP AND THE AVE EFFLUENT TEMP OF 484-486.

LABS: 17327 06431 46405 77343

PSE&G

ADDRESS P.O. BOX 236/N21

NAME

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)

(17-19)

THERMAL DSCHG FOR DSN 481-486

NJ0005622

FACC PERMIT NUMBER

DISCHARGE NUMBER

MAJOR SALEM

FACILITY PSE&G SALEM GENERATING STATION LOCATION LOWER ALLOWAYS CREEK, NJ 08038

HANCOCKS BRIDGE, NJ 08038

MONITORING PERIOD YEAR MO DAY YEAR MO DAY TO 04 00 01 00 04 30

SOUTHERN REGION

DMR NUMBER: NJ0005622	FACC	042000	(20-21) (2	2-23) (24-	-25) (26-27) (2	8-29) (30-31)				
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	UNITS	(4 Card Only) (38-45)	QUALITY OR CONCEN (46-53)	TRATION (54-61)	UNITS	NO. FREQ EX. OF (62 ANALYS 63) (64-68	SAMPLE IS TYPE
THERMAL DISCHARGE MILLION BTUS PER HR.	Sample MEASUREMENT	14349	16668		*****	*****	*****			INCALCTD
00015 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	30600 01DAMX		*****	*****	*****	****	CONT	INCALCTD
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	2839	2925		*****	*****	*****		 	CALCTD
50050 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	3024 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****		CALCTD
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)

MAJOR

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622

048C

DISCHARGE NUMBER

PERMIT NUMBER MONITORING PERIOD YEAR MO DAY DAY YEAR MO TO 00 04 01 00 04 30 (20-21) (22-23) (24-25) (26-27)(28-29)(30-31)

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	048C	042000	(20-21) (2	22-23) (24	-25) (26-27) (28	8-29) (30-31)				
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	UNITS	(4 Card Only) (38-45)	QUALITY OR CONCENT (46-53)	PRATION (54-61)	UNITS	NO. FREQ. EX. OF (62 ANALYSIS 63) (64-68)	SAMPLE TYPE (69-70)
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	3	3		0 TWICE MONTH	• 1
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 01MOAV	100 01DAMX	MG/L	I I I	COMPO
HYDROCARBONS, IN H20 IR, CC14 EXT. CHROMA	SAMPLE MEASUREMENT	*****	*****		*****	1	2		0TWICE MONTH	
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	10 01MOAV	15 01DAMX	MG/L	1,000	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	*****		*****	2	3		0 TWICE MONTH	• ;
00610 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****	*****	****	*****	35 01MOAV	70 01DAMX	MG/L		COMPO
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	33	33		0TWICE MONTH	
00680 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT 01MOAV	50 01DAMX	MG/L		COMPO:
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.1631	0.3361	•	*****	*****	*****		0DAILY	CALCT
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****	DAILY	CALCT
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
MARTIN J. TRUM VICE PRESIDENT MAINTENANCE TYPED OR PRINTED	AND AM FA	MILIAR WITH THE	F LAW THAT I HAVE INFORMATION SUBMIT TO INVIDUALS IMMEDIAT , I BELEIVE THE SUPLETE. I AM AWARE BMITTING FALSE INF ND IMPRISONMENT. SE under these stat prisonment of between the state of t	TED HERE	N: AND BASED	SEGNATURE OF EXECUTIVE OF AUTHORIZED A	PRINCIPAL FICER OR AR	EA	-6000 0	DATE 0 05 24

LABS: 17327 06431 46405 77343

MAJOR

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622 PERMIT NUMBER 481A DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY

00 04 01 TO 00 04 30

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

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	481A	042000	(20-21) (.	22-23) (24-	-25) (26-27)(28	3-29) (30-31)				
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	1	(4 Card Only) (38-45)	QUALITY OR CONCENT (46-53)	RATION (54-61)	1	NO. FREQ	SAMPLE
(32 37)	* *			UNITS				UNITS	(62 ANALYS 63) (64-6	SIS TYPE 8) (69-70)
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	****		0 CODE	=NCODE=
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 01DAMN	*****	*****	PERCE NT		Y
PH	SAMPLE MEASUREMENT	*****	*****		7.2	*****	7.3		 	LYGRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN	*****	9.0 01RPMX	នប	WEEK	LYGRAB
РН	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.5		OWEEK	LYGRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT 01RPMN	*****	REPORT 01RPMX	នប	WEEK	LYGRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	504	521		*****	*****	*****		0DAIL	Y CALCT
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****	DAIL	Y CALCTI
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0 CODE	=NCODE=1
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	.3 01MOAV	.5 01DAMX	MG/L	THRE WEEK	E/GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			E/GRAB
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	****	****	*****	REPORT 01MOAV	.2 01DAMX	MG/L	1	E/GRAB
	SAMPLE MEASUREMENT									- · · · · · · · · · · · · · · · · · · ·
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFF	ICER I CERTIFY	UNDER PENALTY OF	LAW THAT I HAVE	PERSONALL	Y EXAMINED	11		TELEP	HONE	DATE
MARTIN J. TRUM	ON MY INO	UIRY OF THOSE IND	INFORMATION SUBMIT	ELY RESPO	NSTRLE FOR	1/1/1/10			_	
VICE PRESIDENT	IS TRUE,	THE INFORMATION, ACCURATE AND COME	, I BELEIVE THE SUPLETE. I AM AWARE	BMITTED I THAT THE	NFORMATION RE ARE SIG-	11/1/1//	R	56,935	-6000	00 05 24
MAINTENANCE	NIFICANT THE POSSI	PENALTIES FOR SUE BILITY OF FINE AN	BMITTING FALSE INF ND IMPRISONMENT. S	ORMATION, EE 18 USC	INCLUDING \$ 1001 AND include fines up t ths and 5 years.)	signature of	PRINCIPAL			
TYPED OR PRINTED	33 USC \$	1319 (Penalties	under these stat			EXECUTIVE OF	TOUR OR AF	REA		1

PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND) ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

NAME

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)(17-19)

MAJOR

PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622 PERMIT NUMBER

482A DISCHARGE NUMBER

MONITORING PERIOD YEAR MO DAY YEAR DAY TO. 30 00 04 01 00 04

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	2 482A	042000	(20-21)	22-23) (24	-25) (26-27) (2	8-29) (30-31)	· ·	01011 /	DALIE	4
PARAMETER (32-37)	• • • • •	(3 Card Only) (46-53)	QUANTITY OR LOADII (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONCENT (46-53)	TRATION (54-61)		NO. FREQ. EX. OF	SAMPLE
		·		UNITS				UNITS	(62 ANALYSI 63) (64-68	(69-70)
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		· · · · · · · · · · · · · · · · · · ·	-NCODE=N
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 01DAMN		****	PERCE		7
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.4		OWEEKI	YGRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN		9.0 01RPMX		WEEKI	YGRAB
PH	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.5		OWEEKI	YGRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT 01RPMN	*****	REPORT 01RPMX	នប	WEEKL	YGRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	482	492		****	*****	*****		ODAILY	CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****	****	DAILY	CALCTD
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0CODE=	NCODE=N
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	****	01MOAV	.5 01DAMX	MG/L	THREE WEEK	/GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		****	< 0.1	< 0.1		OTHREE WEEK	/GRAB
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	.2 01DAMX	MG/L		/GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFF MARTIN J. TRUM VICE PRESIDENT MAINTENANCE	CICER I CERTIFY AND AM FA ON MY INQ OBTAINING IS TRUE, NIFICANT	UNDER PENALTY O MILIAR WITH THE UIRY OF THOSE IN THE INFORMATION ACCURATE AND COM PENALTIES FOR SU	F LAW THAT I HAVE INFORMATION SUBMIT OF INFORMATION SUBMIT, I BELEIVE THE SUPLETE. I AM AWARE SMITTING FALSE INFOLD IMPRISONMENT. SE under these stat prisonment of betw	PERSONALL TED HEREI ELY RESPO EMITTED IN THAT THE TORMATION,	Y EXAMINED N; AND BASED NSIBLE FOR NFORMATION RE ARE SIG- INCLUDING	MAT		TELEPI	-6000 0	DATE 0 05 24
TYPED OR PRINTED	THE POSSI 33 USC § \$10,000 a	BILITY OF FINE AN 1319. (Penalties nd/or maximum imp	ND IMPRISONMENT, S s under these stat prisonment of betw	EE 18 USC utes may een 6 mon	§ 1001 AND include fines up t ths and 5 years.)	SIGNATURE OF EXECUTIVE OF AUTHORIZED A	FICER OR AF	EA DE N	UMBER YEA	AR MO DAY

PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND) ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

NAME

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622 PERMIT NUMBER 483A DISCHARGE NUMBER

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 00
 04
 01
 00
 04
 30

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622		042000		22-23) (24-	-25) (26-27) (28	3-29) (30-31)		,	BAL	 :
PARAMETER (32-37)		(3 Card Only) (46-53)	QUANTITY OR LOADING (54-61)	1	(4 Card Only) (38-45)	QUALITY OR CONCENTS (46-53)	(54-61)	i	NO. FR EX. O (62 ANAL	SAMPLE
	= =			UNITS				UNITS	63) (64-	68) (69-70)
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0COD	E=NCODE=1
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 01DAMN	*****	*****	PERCE NT	1 - 7	ĽУ
РН	SAMPLE MEASUREMENT	****	****		7.1	*****	7.5		OWEE	KLYGRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN	*****	9.0 01RPMX	នប	WEE	KLYGRAB
РН	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.5		OWEE	KLYGRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT 01RPMN	*****	REPORT 01RPMX	នប	WEE	KLYGRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	447	463		*****	*****	*****		0DAI	LY CALCTI
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****	DAI	LY CALCTI
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0 COD	E=NCODE=N
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	.3 01MOAV	.5 01DAMX	MG/L	THR WEE	EE GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			EE/GRAB
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	.2 01DAMX	MG/L		EE/GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFF MARTIN J. TRUM VICE PRESIDENT MAINTENANCE TYPED OR PRINTED			F LAW THAT I HAVE INFORMATION SUBMIT DIVIDUALS IMMEDIAT I BELEIVE THE SI PLETE. I AM AWARE MITTING FALSE INF HD IMPRISONMENT. S I UNDER THESE STATE		Y EXAMINED N; AND BASED NSIBLE FOR NFORMATION RE ARE SIG- INCLUDING : \$ 1001 AND include fines up this and 5 years.)	SIGNATURE OF EXECUTIVE OFF	PRINCIPAL	TELEP		00 05 24

PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND)

ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

MAJOR

MAINTENANCE

TYPED OR PRINTED

PSE&G

P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NAME

ADDRESS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)

NJ0005622 PERMIT NUMBER

484A

DISCHARGE NUMBER

SOUTHERN REGION /

SIGNATURE OF PRINCIPAL

EXECUTIVE OFFICER OR

AUTHORIZED AGENT

AREA

CODE

NUMBER

YEAR MO DAY

MONITORING PERIOD YEAR MO DAY YEAR MO DAY TO 01 04 00 04 30 00

(20-21)(22-23)(24-25)(26-27) (28-29) (30-31) DMR NUMBER: NJ0005622 484A 042000 (3 Card Only) QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION (46-53)FREQ. (54-61)(54-61) (38 - 45)(46-53)PARAMETER EX. OF SAMPLE (32 - 37)(62 ANALYSIS 63) (64-68) TYPE UNITS UNITS (69-70)LC50 STATRE 96HR ACU ***** -----CODE=N ***** SAMPLE 0CODE=NCODE=N MEASUREMENT CYPRINODON TAN6A 1 50 **** ***** PERCE OTRLY PERMIT REQUIREMENT EFFLUENT GROSS VALUE **** 01DAMN NT PH ***** 7.0 **** 7.4 SAMPLE OWEEKLYGRAB MEASUREMENT 00400 1 0 **** 6.0 ***** 9.0 PERMIT WEEKLYGRAB REQUIREMENT EFFLUENT GROSS VALUE **** 01RPMN 01RPMX PH ***** 7.3 ***** 7.5 SAMPLE OWEEKLYGRAB MEASUREMENT 00400 7 0 ***** -----**** REPORT **** REPORT SU WEEKLYGRAB PERMIT REQUIREMENT INTAKE FROM STREAM *** 01RPMN 01RPMX FLOW, IN CONDUIT OR 532 **** ***** 536 **** SAMPLE ODAILY CALCID MEASUREMENT THRU TREATMENT PLANT 50050 1 0 REPORT REPORT MGD **** ***** ***** **** DAILY CALCTD PERMIT EFFLUENT GROSS VALUE REQUIREMENT 01MOAV 01DAMX **** CHLORINE, TOTAL ***** ***** **** CODE=NCODE=N SAMPLE 0 CODE=NCODE=N MEASUREMENT RESIDUAL 50060 R **** ***** * * * * **** .3 . 5 MG/L THREE GRAB PERMIT SEE COMMENTS BELOW REQUIREMENT 01MOAV 01DAMX WEEK CHLORINE, TOTAL ***** ***** **** < 0.1 < 0.1 SAMPLE OTHREE GRAB MEASUREMENT RESIDUAL WEEK 50060 S **** ***** **** ***** REPORT MG/L THREE GRAB . 2 PERMIT SEE COMMENTS BELOW REQUIREMENT * * * * 01MOAV 01DAMX WEEK SAMPLE MEASUREMENT PERMIT REQUIREMENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED TELEPHONE DATE AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR MARTIN J. TRUM OBTAINING THE INFORMATION, I BELEIVE THE SUBMITTED INFORMATION VICE PRESIDENT IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-856 935-6000 00 05 24 NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING

\$10,000 and/or maximum imprisonment of between 6 months and 5 years.) PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND) ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC \$ 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

MAJOR

SALEM

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16) (17-19)

MAJOR

NAME

PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622

485A

DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY TO YEAR MO DAY

0 0 0 4 01 TO 00 04 30

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

SOUTHERN REGION / SALEM

PARAMETER	= = =	(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	NG	(4 Card Only) (38-45)	QUALITY OR CONCENT	TRATION (54~61)		NO. FREQ.	4
(32-37)		-		UNITS				UNITS	EX. OF (62 ANALYSIS 63) (64-68)	SAMPLE TYPE (69-70)
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	*****	*****		> 100	*****	****		0QTRLY	
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 01DAMN	*****	*****	PERCE NT	~	
PH	SAMPLE MEASUREMENT	****	*****		7.0	*****	7.5		OWEEKL	YGRA B
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN	*****	9.0 01RPMX	នប	WEEKL	GRAB
PH	Sample Measurement	*****	*****		7.3	*****	7.5		OWEEKL	GRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT 01RPMN	*****	REPORT 01RPMX	នប	WEEKL	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	453	493		*****	*****	*****		ODAILY	CALCTI
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	**** ****	DAILY	CALCTI
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0CODE=1	CODE=1
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	****	****	*****	.3 01MOAV	.5 01DAMX	MG/L	THREE, WEEK	GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1		OTHREE, WEEK	GRAB
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT 01MOAV	.2 01DAMX	MG/L	The second second	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT	To provide the second second								

MARTIN J. TRUM VICE PRESIDENT MAINTENANCE

TYPED OR PRINTED

AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELEIVE 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.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 856 935-6000 00 05 24

AREA CODE NUMBER YEAR MO DAY

PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND) ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

MAJOR

NAME PSE&G

ADDRESS P.O. BOX 236/N21

F.U. BUX 230/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622

486A DISCHARGE NUMBER

PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY

00 04 01 TO 00 04 30

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	2 486A	042000	(20-21) (2	22-23) (24	-25) (26-27) (28	8-29) (30-31)		·			
PARAMETER	* *	(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	1G	(4 Card Only) (38-45)	QUALITY OR CONCENT (46-53)	TRATION (54-61)		NO.	FREQ.	SAMPLE
(32-37)				UNITS				UNITS	(62	ANALYSIS (64-68)	
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	****	*****		CODE=N	*****	*****		00	CODE=1	CODE=N
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 01DAMN	i I	*****	PERCE NI		TRLY	
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.4		70	VEEKL:	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****	****	6.0 01RPMN	*****	9.0 01RPMX	su	M	VEEKL:	GRA B
PH	SAMPLE MEASUREMENT	*****	*****		7.3	****	7.5		0	VEEKL:	GRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT 01RPMN	*****	REPORT 01RPMX	su	M	EEKL:	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	485	489		*****	*****	*****		01	AILY	CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****		AILY	CALCTD
CHLORINE, TOTAL RESIDUAL 50060 R 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0¢	ODE=1	CODE=N
	PERMIT REQUIREMENT	*****	*****	****	*****	.3 01MOAV	.5 01DAMX			HREE,	GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			HREE, ÆEK	GRAB
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	.2 01DAMX	MG/L	1	HREE, EEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFF	1001 NW NV DA	LATE TAD SITES MILE	F LAW THAT I HAVE INFORMATION SUBMIT	mwn mmm	*** **** ***			TELEP	HONE		DATE
MARTIN J. TRUM VICE PRESIDENT MAINTENANCE TYPED OR PRINTED	ON MY INCOME OBTAINING IS TRUE, NIFICANT THE POSSI 33 USC \$	QUIRY OF THOSE IN 5 THE INFORMATION ACCURATE AND COM PENALTIES FOR SU BILITY OF FINE A 1319. (Penaltie	INFORMATION SUBMIT INFORMATION SUBMIT INFORMATION INFO	TELY RESPO DEMITTED 1 THAT THE TORMATION, SEE 18 USO Sutes may	ONSIBLE FOR INFORMATION RE ARE SIG- INCLUDING S 1001 AND include fines up	SIGNATURE OF EXECUTIVE OF AUTHORIZED A	F PRINCIPAL AL	56 935	-60		0 05 24

PARAMETER 50060 LOCATIONS: "R" = SWS DSCHG (NO CWS FLOW) "S" = SWS DSCHG (NORMAL COND) ENTER "NODI" FOR LOCATIONS THAT DO NOT APPLY.

WHEN MAIN CONDENSERS ARE CHLORINATED, MONITOR TRC 3 TIMES PER WEEK DURING 2-HR PERIODS OF CHLORINATION LABS: 17327 06431 46405 77343

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)(17-19)

MAJOR

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

NJ0005622 PERMIT NUMBER

489C DISCHARGE NUMBER

MONITORING PERIOD YEAR MO DAY YEAR MO DAY TO 00 04 01 30 00 04 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTHERN REGION / SALEM

DMR NUMBER: NJ0005622	489C	042000	(20-21) (2	22-23) (24-	-25) (26-27) (28	8-29) (30-31)				
PARAMETER	M M M	(3 Card Only) (46-53)	QUANTITY OR LOADIN (54-61)	1G	(4 Card Only) (38-45)	QUALITY OR CONCEN (46-53)	TRATION (54-61)		NO. FREQ.	SAMPLE
(32–37)				UNITS				UNITS	(62 ANALYSI 63) (64-68)	S TYPE (69-70)
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6		0 ONCE/	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN	*****	9.0 01RPMX	នប	1 -1	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	6	6		0 ONCE/	•
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 01MOAV	100 01DAMX	MG/L		GRAB
HYDROCARBONS, IN H20 IR, CC14 EXT. CHROMA	SAMPLE MEASUREMENT	*****	*****		*****	< 0.5	< 0.5		0 ONCE/ MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10 01MOAV	15 01DAMX	MG/L		GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	26	26		0ONCE/ MONTH	GRAB
00680 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	50 01DAMX	MG/L	1	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.0978	0.0978		*****	*****	*****		0 ONCE/	CALCI
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	****	****	ONCE/ CAL	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT							:		
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFF MARTIN J. TRUM VICE PRESIDENT MAINTENANCE	AND AM FA ON MY INQ OBTAINING IS TRUE, NIFICANT	MILIAR WITH THE : UIRY OF THOSE INI THE INFORMATION, ACCURATE AND COMM	F LAW THAT I HAVE INFORMATION SUBMIT IVIDUALS IMMEDIAT I BELEIVE THE SU PLETE. I AM AWARE MITTING FALSE INF	TED HEREI ELY RESPO BMITTED I THAT THE	IN; AND BASED DISIBLE FOR INFORMATION CRE ARE SIG-	SIGNATURE OF	F PRINCIPAL 85	TELEP		0 05 2
TYPED OR PRINTED	33 USC \$ \$10,000 a	BILITY OF FINE AN 1319. (Penalties nd/or maximum imp	ND IMPRISONMENT. S s under these stat prisonment of betw	utes may een 6 mon	C § 1001 AND include fines up to the and 5 years.)	EXECUTIVE OF AUTHORIZED	FFICER OR AR	EA DE N	UMBER YE.	AR MO DA

TOTAL SUSPENDED SOLIDS SHALL NOT EXCEED A 7-DAY AVERAGE OF 45 MG/L. THIS DISCHARGE IS DESIGNATED AS DSN 489 IN PERMIT

LABS: 17327 06431 46405 77343

PSE&G

P.O. BOX 236/N21

NAME

ADDRESS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)

(17-19)

#3 Oil Skim Tank DSN-487B

NJ0005622 PERMIT NUMBER

487B DISCHARGE NUMBER MAJOR SALEM

FACILITY PSE&G SALEM GENERATING STATION LOCATION LOWER ALLOWAYS CREEK, NJ 08038

HANCOCKS BRIDGE, NJ 08038

MONITORING PERIOD YEAR MO DAY YEAR MO DAY TO 0.0 01 04 00 04 30

SOUTHERN REGION

DMR NUMBER: NJ0005622	2 487B	042000	(20-21)	22-23) (24		8-29) (30-31)				
PARAMETER (32-37)	*	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) (38-45)	QUALITY OR CONCENTRATION (46-53) (54-61)			NO. FREQ.	
				UNITS				UNITS	EX. OF (62 ANALYSI 63) (64-68	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. CENTRIGADE 00010 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0NODI	NODI
	PERMIT REQUIREMENT	****	****	****	*****	REPORT 01MOAV	43.3 01DAMX	DEG.C	ONCE/ DISCH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		NODI	*****	NODI		0NODI	NODI
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 01RPMN		9.0 01RPMX	នប	ONCE/ DISCH	GRAB
SOLIDS, TOTAL SUSPENDED	Sample Measurement	*****	*****		*****	NODI	NODI		0NODI	NODI
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	100 01DAMX	MG/L	ONCE/ DISCH	
HYDROCARBONS, IN H20 IR, CC14 EXT. CHROMA	Sample Measurement	*****	****	i	*****	NODI	NODI		0NODI	NODI
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****		REPORT 01MOAV	15 01DAMX	MG/L	ONCE/ DISCH	
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0 NODI	NODI
00680 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT 01MOAV	50 01DAMX	MG/L	ONCE/ DISCH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI	NODI		*****	*****	*****		0NODI	NODI
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	**************************************	****	****	ONCE/ DISCH	CALCTI
	SAMPLE MEASUREMENT								DIDCII	
4400.7	PERMIT REQUIREMENT					N				
NAME/TITLE PRINCIPAL EXECUTIVE OFF: MARTIN J. TRUM VICE PRESIDENT MAINTENANCE TYPED OR PRINTED		UNDER PENALTY OF ILLIAR WITH THE I JIRY OF THOSE IND THE INFORMATION, CCURATE AND COMP ENALTIES FOR SUB- ILLITY OF FINE AN 319. (Penalties d/or maximum imp	LAW THAT I HAVE NFORMATION SUBMIT IVIDUALS IMMEDIAT. I BELEIVE THE SU LETE. I AM AWARE MITTING FALSE INFO IMPRISONMENT. SI under these statu	PERSONALL TED HEREI ELY RESPONEMITTED IN THAT THE ORMATION, EE 18 USC utes may een 6 month	Y EXAMINED N; AND BASED NSIBLE FOR NFORMATION RE ARE SIG- INCLUDING \$ 1001 AND Linclude fines up the	SIGNATURE OF EXECUTIVE OF AUTHORIZED AG	PRINCIPAL AR		-6000 0	DATE O 05 24 OR MO DAY