



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

Nuclear Business Unit

July 23, 1997

New Jersey Department of  
Environmental Protection  
Division of Water Quality  
Bureau of Permit Management  
CN029  
Trenton, NJ 08625-0029  
Certified Mail Number P 462 770 311

**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 June, 1997.

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.

Sincerely,

David F. Garchow  
General Manager -  
Salem Operations

*RE 25 1/2*

Attachments

9707300037 970630  
PDR ADOCK 05000272  
R PDR



NJPDES Report  
June, 1997

2

C Mr. Gerald M. Hansler - Executive Director  
USNRC - Document Control Desk Unit#1-50-272 Unit#2-50-311  
General Manager - Salem Operations  
Manager-Licensing & Regulation  
M. Vaskis  
D. Hurka  
D. Dowiak  
R. Quinn  
Central Record Facility

NJPDES Report  
Explanation of Deviations  
June, 1997

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 77373) or South Jersey Testing Laboratory (NJDEP certification 06431). Bioassay results are provided by ENSR Environmental Toxicology Laboratory (NJDEP certification 82888).

Net negative discharge values are reported as negative.

489C- Flow thru 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  
June, 1997

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.

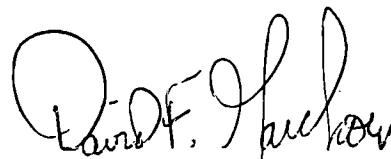
The following excursions are included in the attached report and are explained below. Excursions have not endangered nor significantly impacted public health or the environment.

DSN NO.	EXPLANATION
489	An excursion in the form of a small, 10 to 20 square foot oil sheen from the discharge of the Number 1 Oil Water Separator. See attached five day report.

COUNTY OF SALEM  
STATE OF NEW JERSEY

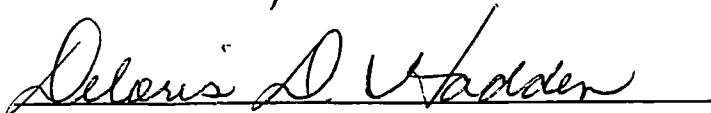
I, David F. Garchow, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am General Manager of Salem Generating Station, and as such, am authorized to sign 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.



David F. Garchow  
General Manager -  
Salem Operations

Sworn and subscribed before me  
this 23 day of July 1997.



**DELORIS D. HADDEN**  
Notary Public of New Jersey  
My Commission Expires  
03-29-2000

NOTARY PUBLIC  
STATE OF NEW JERSEY



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

**Nuclear Business Unit**

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
ARTICLE NUMBER P 462 769 556

**JUN 12 1997**

LR-E970383

Assistant Director of Enforcement  
Division of Water Resources  
New Jersey Department of Environmental Protection  
401 East State Street  
CN 029  
Trenton, NJ 08625-0029

**SALEM GENERATING STATION  
NJPDES PERMIT NUMBER NJ0005622  
DISCHARGE OF OIL - 5 DAY REPORT  
CASE NUMBER 97-06-11-0554-53**

Dear Sir:

In accordance with N.J.A.C. 7:14A-3.10, Public Service Electric and Gas Company (PSE&G) has prepared this report concerning the discharge of less than one (1) ounce of oil. The discharge occurred through the oil water separator outfall (DSN 489) to the Delaware River from the Salem Generating Station on June 11, 1997.

The discharge was discovered at 5:45 AM on June 11, 1997. A sheen of approximately 10 to 20 square feet was observed at DSN 489 in the Delaware River. The oil water separator system treats stormwater runoff from areas within the Salem Generating Station, including yard drains, driveways and parking areas. An estimate of less than one (1) ounce of oil passed through the oil water separator. Previous to the discharge, maintenance activities were being conducted on both oil water separators. Booms had been placed as a preventative measure at outlet of the oil water separator, manholes leading to the discharge point, and in the river at the discharge point.

The power is in your hands.

JUN 12 1997

Inlet valves to the oil water separators were closed to facilitate the cleaning of the effluent chamber. The water level in the inlet chamber reached four (4) feet above the inlet to the oil water separator. Station operating procedures require the inlet valves be opened to prevent the backup of water in the storm and building drains when the water level in the inlet chamber reaches four (4) feet above the oil water separator. The rapid opening of the inlet valves caused the water to flow into one of the oil water separators at a rate above the design capabilities of the oil water separator, thereby causing the oil to pass through the oil water separator and eventually to the river. The specific operating procedure has been modified to prevent this situation from happening again. The operating procedure has been modified to allow the discharge of water from the inlet through the oil water separator at a rate well below the design capability of the oil water separator.

The discharge of oil is allowed through DSN 489 to a daily maximum of 15 mg/l. No analyses were conducted since the sheen was contained and removed very quickly. PSE&G notified the National Response Center, report number 390705 was assigned to the event. The New Jersey Department of Environmental Protection Southern Regional Enforcement Officer and the United States Coast Guard were notified as a courtesy. In addition, PSE&G notified the Nuclear Regulatory Commission pursuant to 10 CFR 50.72, Significant Events.

PSE&G is confident that this situation will not be repeated with the described modification of the station operating procedure. If you have any additional questions or requirements, please contact Mr. Daniel J. Dowiak at 609-339-1055.

Sincerely,



David R. Powell  
Manager -  
Licensing and Regulation

Assistant Director of Enforcement 3  
LR-E970383

**JUN 12 1997**

DJD/

BC GM - Salem Operations (S05)  
Manager - Salem Operations (S01)  
✓ Chemistry Superintendent (S07)  
Nuclear Licensing Manager - Environmental (N21)  
M. F. Vaskis (T5C)  
Environmental Station Licensing Engineer (N21)  
D. F. Bowman (N21)  
Environmental File 2.1.1 SGS



NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>			<b>FACA</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 FACA 061997**

**THERMAL DSCHG FOR DSN 481-483**  
**SOUTHERN REGION / SALEM**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	UNITS				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0	SAMPLE MEASUREMENT	*****	*****	UNITS	*****	22.2	26.2			0	CONTINUOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	46.1 Dly Max	DEG. C		0	CONTINUOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 2 0	SAMPLE MEASUREMENT	*****	*****	UNITS	*****	1.0	2.1			0	CONTINUALCTD
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15.3 Dly Max	DEG. C		0	CONTINUALCTD
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 0	SAMPLE MEASUREMENT	*****	*****	UNITS	*****	21.2	25.6			0	CONTINUOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	DEG. C		0	CONTINUOUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>DAVID F. GARCHOW</b> <b>GEN.MGR.SALEM OPERATIONS</b>	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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>David F. Garchow</i>	TELEPHONE	DATE			
			609 935-6000	97	07	23	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

**EFFLUENT TEMP IS TO BE CALCULATED AS THE COMBINED AVERAGE OF EACH OF THE SEPARATE DISCHARGES 481-483.**  
**NET TEMP DIF IS THE DIFFERENCE BETWEEN THE AMBIENT RIVER WATER TEMP AND THE AVE EFFLUENT TEMP OF 481-483.**

PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

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

MAJOR

<b>NJ0005622</b>			<b>FACB</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

**THERMAL DSCHG FOR DSN 484-486**  
**SOUTHERN REGION / SALEM**

FACILITY **PSE&G SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **NJ0005622 FACB 061997**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0	SAMPLE MEASUREMENT	*****	*****		*****	21.1	25.4			CONTINCONTIN UOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	46.1 DLY Max	DEG. C		CONTINCONTIN UOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 2 0	SAMPLE MEASUREMENT	*****	*****		*****	-0.1	0.4			CONTINCONTIN UOUS
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15.3 DLY Max	DEG. C		CONTINCONTIN UOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 0	SAMPLE MEASUREMENT	*****	*****		*****	21.2	25.6			CONTINCONTIN UOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	DEG. C		CONTINCONTIN UOUS
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>DAVID F. GARCHOW</b> <b>GEN.MGR.SALEM OPERATIONS</b>	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HERETIN. 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.)	TELEPHONE		DATE		
		<i>David Garchow</i>	609 935-6000	97	07	23
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

**EFFLUENT TEMP IS TO BE CALCULATED AS THE COMBINED AVERAGE OF EACH OF THE SEPARATE DISCHARGES 484-486.**  
**NET TEMP DIF IS THE DIFFERENCE BETWEEN THE AMBIENT RIVER WATER TEMP AND THE AVE EFFLUENT TEMP OF 484-486.**  
 EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. **LABS: 17327 06431 82888 77343** PAGE 1 OF 1

PERMITTEE NAME/ADDRESS  
**PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**  
 FACILITY **PSE&G SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **NJ0005622 FACC 061997**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)  
**NJ0005622**  
 PERMIT NUMBER  
**FACC**  
 DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
**97 06 01 97 06 30**  
 (20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

**THERMAL DSCHG FOR DSN 481-486**  
**MAJOR SALEM**  
**SOUTHERN REGION**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		REPORT Mnth Avg	30600 DLY Max		*****	*****	*****				
THERMAL DISCHARGE MILLION BTUS PER HR.		-43	84		*****	*****	*****			CONTINUAL	
00015 2 0 EFFLUENT NET VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT		370	906	MBTU/HR	*****	*****	*****	****		DAILY	
50050 7 0 INTAKE FROM STREAM		3024	REPORT DLY MAX	MGD	*****	*****	*****	****		DAILY	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**DAVID F. GARCHOW**  
**GEN.MGR.SALEM OPERATIONS**  
 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.)

*David F. Garchow*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**609 935-6000**  
 AREA CODE NUMBER

DATE  
**97 07 23**  
 YEAR MO DAY


NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>	<b>048C</b>
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
FROM YEAR <b>97</b> MO <b>06</b> DAY <b>01</b>	TO YEAR <b>97</b> MO <b>06</b> DAY <b>30</b>
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)	

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 048C 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS				
<b>SOLIDS, TOTAL SUSPENDED</b> 00530 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	7	7		0	TWICE/MONTH	COMPOS
<b>EFFLUENT GROSS VALUE</b>	PERMIT REQUIREMENT	*****	*****	****	*****	30	100		0	TWICE/MONTH	COMPOS
<b>HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT</b> 00551 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.5	< 0.5		0	TWICE/MONTH	GRAB
<b>EFFLUENT GROSS VALUE</b>	PERMIT REQUIREMENT	*****	*****	****	*****	10	15		0	TWICE/MONTH	GRAB
<b>NITROGEN, AMMONIA TOTAL (AS N)</b> 00610 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1		0	TWICE/MONTH	COMPOS
<b>EFFLUENT GROSS VALUE</b>	PERMIT REQUIREMENT	*****	*****	****	*****	35	70		0	TWICE/MONTH	COMPOS
<b>CARBON, TOT ORGANIC (TOC)</b> 00680 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	5		0	TWICE/MONTH	COMPOS
<b>EFFLUENT GROSS VALUE</b>	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50		0	TWICE/MONTH	COMPOS
<b>FLOW, IN CONDUIT OR THRU TREATMENT PLANT</b> 50050 1 0	SAMPLE MEASUREMENT	0.079	0.478		*****	*****	*****		0	DAILY	CALCTD
<b>EFFLUENT GROSS VALUE</b>	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****	0	DAILY	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>DAVID F. GARCHOW</b> <b>GEN.MGR.SALEM OPERATIONS</b>	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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE <b>609 935-6000</b>	DATE <b>97 07 23</b>		
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>			<b>481A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 481A 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53)			UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING		CODE=N	MINIMUM	MAXIMUM				
LC50 STATRE 96HR ACU CYPRINODON TAN6A 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	CODE=N	*****	*****		0	CODE=N	CODE=N
PH	SAMPLE MEASUREMENT	*****	*****	****	7.5	*****	7.6		0	WEEKLY	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 DAILY MN	*****	*****	PERCE NT		OTRLY	
PH	SAMPLE MEASUREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	7.6	*****	7.8		0	WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	20.2	27.8		*****	*****	*****		0	DAILY	CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT DLY MAX	MGD	*****	*****	*****	****		DAILY	CALCTD
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	****	*****	0.1	0.2		0	THREE/ WEEK	GRAB
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	.3 Mnth Avg	.5 DLY MAX	MG/L		THREE/ WEEK	GRAB
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI		0	NODI	NODI
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.2 DLY MAX	MG/L		THREE/ WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**DAVID F. GARCHOW**  
**GEN.MGR.SALEM OPERATIONS**  
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.)

*David F. Garchow*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**609 935-6000**  
DATE  
**97 07 23**  
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.  
EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. LABS: 17327 06431 82888 77343 PAGE 1 OF 1

NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>			<b>482A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 482A 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
LC50 STATRE 96HR ACU CYPRINODON TAN6A 1 0 EFFLUENT GROSS VALUE		*****	*****	****	CODE=N	*****	*****			OCODE=N	CODE=N
PH		*****	*****	****	7.4	*****	7.5			O	WEEKLY GRAB
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0	*****	9.0	SU			WEEKLY GRAB
PH		*****	*****	****	7.6	*****	7.8			O	WEEKLY GRAB
00400 7 0 INTAKE FROM STREAM		*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU			WEEKLY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		3.4	4.7		*****	*****	*****			O	DAILY CALCTD
50050 1 0 EFFLUENT GROSS VALUE		REPORT Mnth Avg	REPORT DLY MAX	MGD	*****	*****	*****	****			DAILY CALCTD
CHLORINE, TOTAL RESIDUAL		*****	*****	****	*****	0.1	0.2			O	THREE/GRAB WEEK
50060 R 0 SEE COMMENTS BELOW		*****	*****	****	*****	.3 Mnth Avg	.5 DLY MAX	MG/L			THREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL		*****	*****	****	*****	NODI	NODI			O	NODI NODI
50060 S 0 SEE COMMENTS BELOW		*****	*****	****	*****	REPORT Mnth Avg	.2 DLY MAX	MG/L			THREE/GRAB WEEK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**DAVID F. GARCHOW**  
**GEN.MGR.SALEM OPERATIONS**  
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.)

*David F. Garchow*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	935-6000	97	07	23
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.  
EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. LABS: 17327 06431 82888 77343 PAGE 1 OF 1


NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>			<b>483A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	06	01		97	06	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 483A 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING	UNITS	QUALITY	CONCENTRATION	UNITS				
LC50 STATRE 96HR ACU CYPRINODON TAN6A 1 0 EFFLUENT GROSS VALUE		*****	*****	****	CODE=N	*****	*****			0	CODE=N
PH		*****	*****	****	50 DAILY MN	*****	*****	PERCENT		0	TRLY
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	****	7.4	*****	7.6			0	WEEKLYGRAB
PH		*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		0	WEEKLYGRAB
00400 7 0 INTAKE FROM STREAM		*****	*****	****	7.6	*****	7.8			0	WEEKLYGRAB
PH		*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		0	WEEKLYGRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		14.8	20.3		*****	*****	*****			0	DAILY CALCTD
50050 1 0 EFFLUENT GROSS VALUE		REPORT Mnth AVG	REPORT DLY MAX	MGD	*****	*****	*****	****		0	DAILY CALCTD
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	0.1	0.2			0	THREE/GRAB WEEK
50060 R 0 SEE COMMENTS BELOW		*****	*****	****	*****	.3 Mnth AVG	.5 DLY MAX	MG/L		0	THREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	NODI	NODI			0	NODI NODI
50060 S 0 SEE COMMENTS BELOW		*****	*****	****	*****	REPORT Mnth AVG	.2 DLY MAX	MG/L		0	THREE/GRAB WEEK

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 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	TELEPHONE	DATE			
DAVID F. GARCHOW GEN.MGR.SALEM OPERATIONS			609 935-6000	97 07 23			
TYPED OR PRINTED			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.  
EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. LABS: 17327 06431 82888 77343 PAGE 1 OF 1

NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

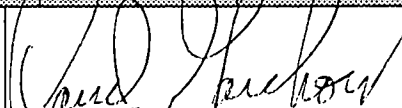
<b>NJ0005622</b>			<b>484A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	06	01		97	06	30
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

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

SOUTHERN REGION / SALEM

DMR NUMBER: **NJ0005622 484A 061997**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
LC50 STATRE 96HR ACU CYPRINODON TAN6A 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	CODE=N	*****	*****	*****	*****	OCODE=N CODE=N
PH	*****	*****	*****	*****	50 DAILY MN	*****	*****	*****	*****	PERCENT DAILY
00400 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7.4	*****	*****	*****	*****	OWEELYGRAB WEEKLYGRAB
PH	*****	*****	*****	*****	6.0 MINIMUM	*****	*****	*****	*****	SU WEEKLYGRAB
00400 7 0 INTAKE FROM STREAM	*****	*****	*****	*****	7.6	*****	*****	*****	*****	OWEELYGRAB WEEKLYGRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MINIMUM	*****	*****	*****	*****	SU WEEKLYGRAB
CHLORINE, TOTAL RESIDUAL 50060 R 0 SEE COMMENTS BELOW	*****	*****	*****	*****	205.6 249.9	*****	*****	*****	*****	ODAILY CALCTD DAILY CALCTD
CHLORINE, TOTAL RESIDUAL 50060 S 0 SEE COMMENTS BELOW	*****	*****	*****	*****	REPORT Mnth Avg	*****	*****	*****	*****	ODAILY CALCTD DAILY CALCTD
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	< 0.1	< 0.1	*****	*****	OTHREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	.3 Mnth Avg	.5 DLY MAX	*****	*****	MG/L THREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	< 0.1	< 0.1	*****	*****	OTHREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	REPORT Mnth Avg	.2 DLY MAX	*****	*****	MG/L THREE/GRAB WEEK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>DAVID F. GARCHOW</b> <b>GEN.MGR.SALEM OPERATIONS</b>	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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE			
			609 935-6000	97 07 23			
TYPED OR PRINTED			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.  
EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. LABS: 17327 06431 82888 77343 PAGE 1 OF 1



PERMITTEE NAME/ADDRESS  
**PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

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

MAJOR

<b>NJ0005622</b>			<b>485A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

FACILITY **PSE&G SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **NJ0005622 485A 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. OF EX-2 (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
LC50 STATRE 96HR ACU CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N
TAN6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 DAILY MN	*****	*****	PERCE	QTRLY	
PH	SAMPLE MEASUREMENT	*****	*****		7.5	*****	7.6		0	WEEKLY GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY GRAB
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.8		0	WEEKLY GRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		WEEKLY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	23.0	224.1		*****	*****	*****		0	DAILY CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT DLY MAX	MGD	*****	*****	*****	****		DAILY CALCTD
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	0.1		0	THREE/GRAB WEEK
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	.3 Mnth Avg	.5 DLY MAX	MG/L		THREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1		0	THREE/GRAB WEEK
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.2 DLY MAX	MG/L		THREE/GRAB WEEK
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**DAVID F. GARCHOW**  
**GEN.MGR.SALEM OPERATIONS**

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.)

*David F. Garchow*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE	
609 935-6000		97	07 23
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.

PERMITTEE NAME/ADDRESS  
 NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

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

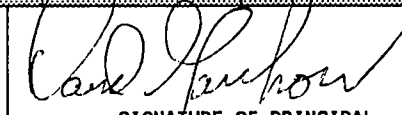
MAJOR

<b>NJ0005622</b>			<b>486A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	<b>97</b>	<b>06</b>	<b>01</b>		<b>97</b>	<b>06</b>	<b>30</b>
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

SOUTHERN REGION / SALEM

FACILITY **PSE&G SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **NJ0005622 486A 061997**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)		UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		*****	*****		*****	*****	*****					*****
LC50 STATRE 96HR ACU CYPRINODON TAN6A 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****			OCODE=N	CODE=N	
PH	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.6			O	WEEKLY GRAB	
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	50 DAILY MN	*****	*****	PERCE		NT	Q	TRLY
PH	SAMPLE MEASUREMENT	*****	*****		6.0	*****	9.0	SU			W	WEEKLY GRAB
00400 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	7.6	*****	7.8				O	WEEKLY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	160.2	456.6		*****	*****	*****				O	DAILY CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****			D	DAILY CALCTD
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	0.1	0.2				O	THREE/GRAB WEEK
50060 R 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	.3 MNTH AVG	.5 DLY MAX	MG/L			TH	THREE/GRAB WEEK
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1				O	THREE/GRAB WEEK
50060 S 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L			TH	THREE/GRAB WEEK
	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 AND IMPRISONMENT. SEE 18 USC § 1001 AND 18 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	TELEPHONE	DATE			
DAVID F. GARCHOW GEN.MGR.SALEM OPERATIONS			609 935-6000	97 07 23			
TYPED OR PRINTED			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.  
 EPA Form 3320-1 (Rev. 9-88) Previous editions may be used. LABS: 17327 06431 82888 77343 PAGE 1 OF 1

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

#3 OIL SKIM TANK DSN-487B

<b>NJ0005622</b>			<b>487B</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	06	01		97	06	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

MAJOR **SALEM**  
 SOUTHERN REGION

FACILITY **PSE&G SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **NJ0005622 487B 061997**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (58-65)		UNITS	NO. OF EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		PERMIT REQUIREMENT	MEASUREMENT		PERMIT REQUIREMENT	MEASUREMENT				
TEMPERATURE, WATER DEG. CENTIGRADE	00010 1 0	*****	*****		*****	NODI	NODI		ONODI	NODI
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	REPORT MNTH AVG	43.3 DLY MAX	DEG. C	ONCE/ DISCHG	GRAB
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	NODI	*****	NODI	ONODI	NODI
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	ONCE/ GRAB DISCHG
SOLIDS, TOTAL SUSPENDED	00530 1 0	*****	*****	****	*****	NODI	NODI		ONODI	NODI
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	REPORT MNTH AVG	100 DLY MAX	MG/L	ONCE/ DISCHG	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	00551 1 0	*****	*****	****	*****	NODI	NODI		ONODI	NODI
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	REPORT MNTH AVG	15 DLY MAX	MG/L	ONCE/ DISCHG	GRAB
CARBON, TOT ORGANIC (TOC)	00680 1 0	*****	*****	****	*****	NODI	NODI		ONODI	NODI
EFFLUENT GROSS VALUE	PH	*****	*****	****	*****	REPORT MNTH AVG	50 DLY MAX	MG/L	ONCE/ DISCHG	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	50050 1 0	NODI	NODI		*****	*****	*****		ONODI	NODI
EFFLUENT GROSS VALUE	PH	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	ONCE/ DISCHG	CALC'D

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>DAVID F. GARCHOW</b> <b>GEN.MGR.SALEM OPERATIONS</b>	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 § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE <b>609 935-6000</b>	DATE <b>97 07 23</b>
TYPED OR PRINTED			


NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

<b>NJ0005622</b>			<b>489C</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	06	01		97	06	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

FACILITY **PSE&G SALEM GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **NJ0005622 489C 061997**

SOUTHERN REGION / SALEM

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.8	*****	7.8		ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		6		ONCE/MONTH	GRAB
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****		30	MG/L	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		2.1		ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****		10	MG/L	ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		5		ONCE/MONTH	GRAB
00680 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****		50	MG/L	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0502	0.0502		*****		*****		ONCE/MONTH	CALCTD
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****		*****	*****	ONCE/MONTH	CALCTD
	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 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	TELEPHONE	DATE			
DAVID F. GARCHOW GEN. MGR. SALEM OPERATIONS			609 935-6000	97 07 23			
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

**MONITORING REPORT - TRANSMITTAL SHEET**

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0 0 0 5 6 2 2

0 6 9 7

THRU

0 6 9 7

PERMITTEE:

Name Public Service Electric and Gas Company

Address P.O. Box 236

Hancock's Bridge, NJ 08038

FACILITY:

Name Salem Nuclear Generating Station

Address Alloway Creek Neck Road

Hancock's Bridge (County) Salem

Telephone (609) 935-6000

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - Sanitary

T-VWX-007     T-VWX-008     T-VWX-009

SLUDGE REPORTS - Industrial

T-VWX-010A     T-VWX-010B

WASTEWATER REPORTS

T-VWX-011     T-VWX-012     T-VWX-013

GROUNDWATER REPORTS

VWX-015(A,B)     VMX-016     VMX-017

NPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING EXCEPTIONS

YES    NO

DYE TESTING       

TEMPORARY BYPASSING       

DISINFECTION INTERRUPTION       

MONITORING MALFUNCTIONS       

UNITS OUT OF OPERATION       

OTHER       

*(Detail any "Yes" on reverse side in appropriate space.)*

*NOTE: The "Hours Attended at Plant" on the reverse of this sheet must also be completed.*

AUTHENTICATION

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 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.

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

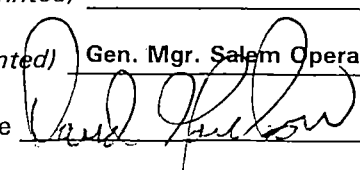
Name (Printed) JOHN F. LEOPARDI

Name (Printed) David F. Garchow

Grade & Registry No. N-2 0013703

Title (Printed) Gen. Mgr. Salem Operations

Signature 

Signature 

Date 07/22/97

Date 07/23/97

