



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

Nuclear Business Unit

January 20, 2000

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
ARTICLE NUMBER: P 882 402 048

Department of Environmental Protection  
Division of Water Quality  
Bureau of Permit Management  
P.O. Box 029  
Trenton, N.J. 08625-0029

RE: NEW JERSEY POLLUTANT DISCHARGE  
ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT  
HOPE CREEK GENERATING STATION  
NJPDES PERMIT NJ0025411

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of December 1999.

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 analysis required to be performed by the above agencies. The choice of the measurement devices and analytical methods are controlled by the EPA and the 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 that any reading analytical result represents the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

If you have any questions concerning this report, please feel free to contact Christopher White at (856) 339-3301.

Sincerely,

A handwritten signature in cursive script that reads "Mark B. Bezilla".

Mark B. Bezilla  
Vice President  
Operations

Attachments

- C Executive Director, DRBC  
USNRC - Docket number 50-354

Explanation of Conditions

**December 1999**

The following explanations are included to clarify possible deviation 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.

Analytical values performed by the following NJDEP certified laboratories:

Hope Creek Generating Station (17451)  
Raytheon Env. Services Laboratory (77343)  
South Jersey Testing, Inc. (06431)

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are noted on the respective transmittal sheet.

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the December 1993 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel.

The industrial license holder's (N-2) signature is signifying the review for DSN's 461A and 461C. The S-4 license holder's signature signifies review for DSN-462B.

NJPDES DMR

1/20/00

Explanation of Exceedances

**December 1999**

The following exceedances are included in the attached report and explained below.

DSN No.

EXPLANATION

**No Exceedances**

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

December 1999

01/20/00

DISCHARGE NUMBER

PAGE            PARAMETER CODE            COMMENTS

461A

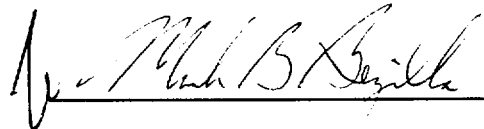
1 of 3            CPOX 1 0    \*\*    Sample frequency was increased to greater than three/week providing additional operational data.

2 of 3            00680 2 0    \*\*    NET Values are calculated utilizing results from grab samples.

COUNTY OF SALEM  
STATE OF NEW JERSEY

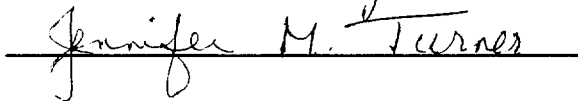
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Vice President, Operations for PSEG Nuclear, and as such am authorized to sign Hope Creek'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 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.
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.



Mark B. Bezilla  
Vice President  
Operations

Sworn and subscribed before me  
this 21st day of Jan 2000.



JENNIFER M. TURNER  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 25, 2000







T-VWX-014

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.  
0025411

REPORTING PERIOD  
Mo. Yr. Mo. Yr.  
1299 1299

PERMITTEE: Name: Public Service Electric & Gas  
Address: P.O. Box 236  
Hancocks Bridge, N.J. 08038

FACILITY: Name: Hope Creek Generating Station  
Address: P.O. Box 236  
Hancocks Bridge, N.J. 08038  
Telephone: (856) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

Operating Exceptions

SLUDGE REPORT - SANITARY  
   T-VWX-007    T-VWX-008    T-VWX-009  
   EPA Form 3320-1

DYE TESTING

YES NO  
   X

SLUDGE REPORT - INDUSTRIAL  
   T-VWX-010A    T-VWX-010B

TEMPORARY BYPASSING

   X

WASTEWATER REPORTS  
   T-VWX-011    T-VWX-012    T-VWX-013

DISINFECTION INTERRUPTION

   X

GROUNDWATER REPORTS  
   VWX-015(A,B)    VWX-016    VWX-017  
   ELECTRONIC SUBMISSION

MONITORING MALFUNCTIONS

   X

UNITS OUT OF OPERATION

X   

OTHER

X   

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

NJPDES DISCHARGE MONITORING  
  5 EPA FORM 3320-1

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

AUTHENTICATION I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER OR  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Andres Nurk

Name (Printed) Mark B. Bezilla

Grade & Registry No. S-4 (0006979)

Title (Printed) Vice President, Operations

Signature *Andres Nurk*

Signature *M.B. Bezilla*

Date January 11, 2000

Date January 20, 2000

OPERATING EXCEPTIONS DETAILED

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#2 Filter out of operation.

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"A" Clarifier off line due to low sludge blanket.

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HOURS ATTENDED AT PLANT

Month 12 Year 99

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	8	8	8.5	4		8	9	8	8	8		4	8	8	8.5	8
Others					4						4					
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	8		4	8	8	8.5	6	4	3		6	8	8	8	4	
Others		4								4						

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

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)

NJ0025411  
 PERMIT NUMBER

462B  
 DISCHARGE NUMBER

Form Approved.  
 OMB No. 2040-0004  
 Approval expires 05-31-98

MAJOR

FACILITY LOCATION PSE&G HOPE CREEK GENERATING ST  
 LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	12	01	99	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

SOUTHERN REGION / SALEM

DMR NUMBER : NJ0025411 462B 121999

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1	1	KG/DAY	*****	*****	*****	0	ONCE/ MONTH	COMPOS
	PERMIT REQUIREMENT	8.0000X 01MOAV	REPORT 01DAMX		*****	*****	*****			
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**** ****	*****	21	21	0	ONCE/ MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****		*****	30.0000X 01MOAV	REPORT 01DAMX			
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**** ****	*****	1	1	0	ONCE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	10.0000X 01MOAV	15.0000X 01DAMX			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.009	0.019	MGD	*****	*****	*****	0	DAILY	METER
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	**** ****	*****	<1	<1	0	ONCE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	200.0000X 01MOGE	400.0000X 01DAGE			
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	**** ****	95.6	*****	*****	0	ONCE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****		87.5000X 01MOAVMN	*****	*****			
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 1 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	**** ****	96	*****	*****	0	ONCE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****		85.0000X 01MOAVMN	*****	*****			
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 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.)					TELEPHONE		DATE		
Mark B. Bezilla Vice President Operations										
TYPED OR PRINTED						AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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)

NJ0025411  
 PERMIT NUMBER

461C  
 DISCHARGE NUMBER

Form Approved.  
 OMB No. 2040-0004  
 Approval expires 05-31-98

MAJOR

FACILITY LOCATION PSE&G HOPE CREEK GENERATING ST  
 LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	12	01	99	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DMR NUMBER : NJ0025411 461C 121999

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	*****	*****	**** ****	*****	3	3	MG/L	0	ONCE/MONTH	COMPOS	
PETROL HYDROCARBONS, TOTAL RECOVERABLE 45501 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	*****	*****	**** ****	*****	<1	<1	MG/L	0	TWICE/MONTH	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT 0.063 PERMIT REQUIREMENT REPORT 01MOAV REPORT 01DAMX	0.063	0.118	MGD	*****	*****	*****	**** ***	0	CONTINUOUS	METER	
CARBON, TOT ORGANIC (TOC) 00680 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	*****	*****	**** ****	*****	7	7	MG/L	0	ONCE/MONTH	COMPOS	
	SAMPLE MEASUREMENT PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mark B. Bezilla VicePresident 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 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.)							TELEPHONE 856 339-3463		DATE 00 01 20		
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NJ0025411 (2-16) PERMIT NUMBER  
 461A (17-19) DISCHARGE NUMBER

Form Approved.  
 OMB No. 2040-0004  
 Approval expires 05-31-98

MAJOR

FACILITY LOCATION PSE&G HOPE CREEK GENERATING ST  
 LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	12	01	99	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

SOUTHERN REGION / SALEM

DMR NUMBER : NJ0025411 461A 121999

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
PH	SAMPLE MEASUREMENT	*****	*****		8.6	*****	8.7	0	WEEKLY	GRAB	
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 <del>0000</del> 01RPMN	*****	9.0 <del>0000</del> 01RPMX		WEEKLY	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	39.806	44.620		*****	*****	*****	0	CONTINUOUS	METER	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****	CONTINUOUS	METER	
LC50 STATRE 96HR ACU MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****	0	CODE=N	CODE=N	
TAN3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT 01MOAVMN	*****	*****	PERCENT	QTRLY	CK REQ	
IC25 STATRE 7DAY CHR MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****	0	CODE=N	CODE=N	
TBP3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT 01MOAVMN	*****	*****	PERCENT	QRTLY	CK REQ	
IC25 STATRE 7DAY CHR CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****	0	CODE=N	CODE=N	
TBP6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT 01MOAVMN	*****	*****	PERCENT	QRTLY	CK REQ	
CHLORINE PRODUCED OXIDANTS	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	**	THREE/WEEK	GRAB	
*CPOX 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 <del>0000</del> 01MOAV	0.5 <del>0000</del> 01DAMX	MG/L	THREE/WEEK	GRAB	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	21.0	27.1	0	CONTINUOUS	CK REQ	
00010 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	36.2 <del>0000</del> 01DAMX	DEG.C	CONTINUOUS	CK REQ	
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 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.)						TELEPHONE		DATE		
Mark B. Bezilla Vice President Operations							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		856	339-3463	00
TYPED OR PRINTED	AREA CODE		NUMBER		YEAR	MO	DAY				

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

\*\* Please refer to attached Transmittal Sheet Addenda.

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NJ0025411 461A  
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.  
 OMB No. 2040-0004  
 Approval expires 05-31-98

MAJOR

FACILITY LOCATION PSE&G HOPE CREEK GENERATING ST  
 LOWER ALLOWAYS CREE,NJ 08038

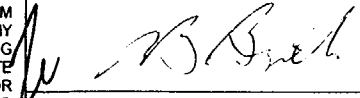
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
99	12	01	99	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER : NJ0025411 461A 121999

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 0 INTAKE FROM STREAM	*****	*****	*****	****	*****	8.9	11.1	0	CONTINUOUS	CK REQ
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX		CONTINUOUS	CK REQ
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	69.9	80.8	0	CONTINUOUS	CK REQ
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	97.1000X 01DAMX		CONTINUOUS	CK REQ
TEMPERATURE, WATER DEG. FAHRENHEIT 0011 7 0 INTAKE FROM STREAM	*****	*****	*****	****	*****	48.0	51.9	0	CONTINUOUS	CK REQ
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX		CONTINUOUS	CK REQ
PHOSPHORUS, TOTAL (AS P) 00665 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	NODI	NODI	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	11.4	11.4	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 0 EFFLUENT NET VALUE	*****	*****	*****	****	*****	-1	-1	**	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	20.0000X 01DAMX		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 7 0 INTAKE FROM STREAM	*****	*****	*****	****	*****	10.0	10.0	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mark B. Bezilla Vice President 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE	
TYPED OR PRINTED			856 AREA CODE	339-3463 NUMBER	00 YEAR

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

\*\* Please refer to the attached Transmittal Sheet Addenda.

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

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)

NJ0025411  
 PERMIT NUMBER

461A  
 DISCHARGE NUMBER

Form Approved.  
 OMB No. 2040-0004  
 Approval expires 05-31-98

MAJOR

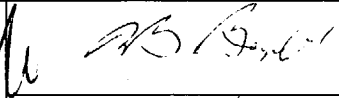
FACILITY LOCATION PSE&G HOPE CREEK GENERATING ST  
 LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
99	12	01		99	12	31
(20-21)		(22-23)		(24-25)		(26-27)
						(28-29)
						(30-31)

SOUTHERN REGION / SALEM

DMR NUMBER : NJ0025411 461A 121999

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
HEAT (WINTER) (PER HOUR) 81387 1 0	SAMPLE MEASUREMENT	301	390		*****	*****	*****		0	DAILY	CALCTD	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	662.0000X 01DAMX	MBTU/HR	*****	*****	*****	****		DAILY	CALCTD	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	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 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.)							TELEPHONE		DATE		
Mark B. Bezilla Vice President Operations								856	339-3463	00	01	20
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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