

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,

Mark B. Bezilla Vice President

Operations

IE25

### Attachments

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

NJPDES DMR 1/20/00

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.

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 2/s day of s 2000.

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

# NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER QUALITY

### **MONITORING REPORT - TRANSMITTAL SHEET**

NJPDES NO. |0|0|2|5|4|1|1 REPORTING PERIOD

Mo. Yr. Mo. Yr.

|1|2|9|9| |1|2|9|9|

PERMITTEE:	Name:	Publi	.c Service Elec	tric & Gas			
	Address:		Box 236				
	_	Hanco	ocks Bridge, N.	J. 08038			<del></del>
FACILITY:	Name:	Норе	Creek Generati	ng Station			
	Address:	P.O.	Box 236				
		Hance	ocks Bridge, N	.J. 08038			<u>.</u>
	Telephone	e: <u>(85</u>	6) 339-3463				
FORMS ATTAG	CHED (Indic	ate <u>Quai</u>	ntity of Each)	Ор	erating Exceptions		
SLUDGE REPO	RT - SANIT	ARY				YES	NO
		ζ <b>-</b> 008 _	_T-VWX-009	DYE TESTING			<u>x</u>
EPA Form 3	320-1			TEMPORARY I	BYPASSING		x
SLUDGE REPO				DICINITECTION	LINTEDLITEIAN		_
T-VWX-010	JA 1-VW	VX-UIUE	•	DISINFECTION	N INTERUPTION	_	x
WASTEWATE				MONITORING	MALFUNCTIONS		<u>x</u>
T-VWX-011	T-VW>	ζ-012 _	T-VWX-013	UNITS OUT OF	OPERATION		x
GROUNDWAT				0	012111101		
VWX-015(A ELECTRON			VWX-017	OTHER			x
ELECTRON	IIC SUDIVIIS	21014		(Detail any "Yes	" on reverse side in a	ppropri	ate space)
NJPDES DISCH		VITORIN	NG	NOTE:The "Hou	rs Attended at Plant" o	n the re	erse of this
							completed.
direction or super system or those p knowledge and b	rvision in acco persons direct pelief, true, ac	ordance v ly respon ccurate, a	with a system designed asible for gathering the	I to assure my inqui ne information, the aware that there a	d all attachments were ry of the person or pers information submitted re significant penalties ations.	ons who	o manage the ne best of my
LICENSED OPI	ERATOR				ECUTIVE OFFICER RIZED REPRESENT		
Name (Printed)_	Peter	R. La	Sala	Name (Printed)	Mark B. Bezil	la	
Grade & Registr	y NoN-	2 (000	5928)	Title (Printed)_	Vice President	, Oper	ations
Signature	ALL	U_		Signature/L	MIB 13x	(i	
Date	1/12	100		Date	January 20, 2	000	

OPERATING EXC	CEPTIONS D	ETAILED					
**	Please re	fer to th	ne attached	d Transmitt	al Sheet	Addenda.	
			-				
							·
HOURS ATTEND	FD AT PLAN	JT		Month 1	2  Year	اواوا	

Day of Month Licensed Operator Others Day of Month Licensed Operator Others

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10	10	10	3	3	10	10	10	10	10	3	3	10	10	10	10
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
8	-	-	8	8	8	8	-	-	-	8	8	8	8	-	
10	3	3	10	10	10	10	3	3	3	10	10	10	10	3	

# NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER QUALITY

### **MONITORING REPORT - TRANSMITTAL SHEET**

NJPDES NO. 0025411

REPORTING PERIOD Mo. Yr. Mo. Yr. |1|2|9|9| |1|2|9|9|

			1299 1299		
PERMITTEE:	Name:	Public Service Elec	tric & Gas		_
	Address:	Р.О. Вож 236			
		Hancocks Bridge, N.	J. 08038		
FACILITY:	Name: _	Hope Creek Generati	ng Station		<del></del>
	Address	P.O. Box 236			
		Hancocks Bridge, N	.J. 08038		
	Telephor	ne: (856) 339-3463			<del></del>
FORMS ATTA	ACHED (Ind	icate <u>Quantity</u> of Each)	Operating Exceptions		
SLUDGE REP T-VWX-00 EPA Form	7T-VW	TTARY 'X-008T-VWX-009	DYE TESTING	YES	NO <u>x</u>
EPA FORM	3320-1		TEMPORARY BYPASSING		x
SLUDGE REP T-VWX-01	ORT - INDU .0A T-V		DISINFECTION INTERUPTION		x
WASTEWATE		S /X-012T-VWX-013	MONITORING MALFUNCTIONS	_	<u>x</u>
		<del></del>	UNITS OUT OF OPERATION	<u>x</u>	_
GROUNDWA'VWX-015( ELECTRO	(A,B)V	WX-016VWX-017	OTHER	<u>x</u>	_
			(Detail any "Yes" on reverse side in a	ppropri	ate space)
NJPDES DISC 5 EPA FORI		DNITORING	NOTE: The "Hours Attended at Plant" or sheet must		verse of this e completed.
direction or sup system or those knowledge and	ervision in ac persons dire belief, true,	coordance with a system designed octly responsible for gathering th	t this document and all attachments were to assure my inquiry of the person or person the information, the information submitted aware that there are significant penalties and for knowing violations.	is, to th	o manage the ne best of my
LICENSED OI	PERATOR		PRINCIPAL EXECUTIVE OFFICER DULY AUTHORIZED REPRESENT.		
Name (Printed)	Andre	s Nurk	Name (Printed) Mark B. Bezilla	a	· · · · · · · · · · · · · · · · · · ·
Grade & Regis	try Nos-	<b>-4</b> (0006979)	Title (Printed) Vice President,	Oper	ations
Signature	Inhes	Reck	Signature 2 Ph. 132	1	

OPERATING EXCE	PTIONS DETAILED		
#2 Fil	lter out of operati	ion.	
	larifier off line o		
			·

### HOURS ATTENDED AT PLANT

Month 12 Year 99

Day of Month
Licensed Operator
Others
Day of Month
Licensed Operator
Others

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	8	8.5	4		8	9	8	8	8	j	4	8	8	8.5	8
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17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
8		4	8	8	8.5	6	4	3		6	8	8	8	4	
	4						<u> </u>		4						

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

FROM 99 12 01 TO 99 12 31

SOUTHERN REGION / SALEM
NOTE: Read instructions before completing this form.

DMR NUMBER: NJ002541:	1 462B 1219	99	(20-21)	(22-23) (24-	<b>25)</b> (26-27) (.	(28-29) (30-31)	NOTE: Read instr	uctions before	comp	leting this t	orm.
			NTITY OR LOADING	3	(4 Card Only)	QUANTITY O	R CONCENTRAT	ION	NO.	FREQUENCY	1
PARAMETER		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
BOD, 5-DAY	SAMPLE	1	1						0		COMPOS
(20 DEG. C)	MEASUREMENT	г			*****	*****	*****			MONTH	
00310 1 0	PERMIT	8.00000X	REPORT	KG/DAY	*****	*****	*****	****		ONCE/	COMPOS
EFFLUENT GROSS VALUE	REQUIREMENT	01MOAV	01DAMX					***		MONTH	
SOLIDS, TOTAL	SAMPLE					21	21		0	ONCE/	COMPOS
SUSPENDED	MEASUREMEN <sup>*</sup>	*****	*****		*****					MONTH	
00530 1 0	PERMIT	*****	*****	****	*****	30.88888	REPORT	MG/L		ONCE/	COMPOS
EFFLUENT GROSS VALUE	REQUIREMENT			****		01MOAV	01DAMX	:		MONTH	
OIL AND GREASE	SAMPLE					1	1	}	0	ONCE/	GRAB
FREON EXTR-GRAV METH	MEASUREMENT	r *****	*****		*****					MONTH	
00556 1 0	PERMIT	*****	*****	****	*****	10.88000	15.000000	MG/L		ONCE/	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT			****		01MOAV	01DAMX			MONTH	
FLOW, IN CONDUIT OR	SAMPLE	0.009	0.019						0	DAILY	METER
THRU TREATMENT PLANT	MEASUREMEN	l .			*****	*****	*****	1			İ
50050 1 0	PERMIT	REPORT	REPORT	MGD	*****	*****	*****	****		DAILY	METER
EFFLUENT GROSS VALUE	REQUIREMENT	The state of the s	01DAMX					***			
COLIFORM, FECAL	SAMPLE					<1	<1		0	ONCE/	GRAB
GENERAL	MEASUREMEN	*****	*****		*****					MONTH	
74055 1 0	PERMIT	*****	*****	****	*****	200.88000	400.80000	#/100		ONCE/	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT			****	*****	01MOGE	01DAGE			MONTH	
BOD, 5-DAY PERCENT	SAMPLE				95.6				0	ONCE/	CALCTE
REMOVAL	MEASUREMEN <sup>*</sup>	Г *****	*****			*****	*****			MONTH	1.
81010 K 0	PERMIT	*****	*****	****	87.50000	*****	*****	PERCENT	1	ONCE/	CALCTE
PERCENTREMOVAL	REQUIREMENT	d complete.		****	01MOAVMN					MONTH	
SOLIDS, SUSPENDED	SAMPLE				96				0	ONCE/	CALCTE
PERCENT REMOVAL	MEASUREMEN	r *****	*****			*****	*****			MONTH	
81011 1 0	PERMIT	*****	*****	****	85. <b>00000</b>	*****	*****	PERCENT	1	ONCE/	CALCTE
PERCENTREMOVAL	REQUIREMENT	r		****	01MOAVMN					MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER   CERT	IFY UNDER PENALTY OF	LAW THAT I HAVE PERSO	ONALLY EXAMINE	D AND AM	20	, [	TELEPHON	NE.	D/	ATE
Mark B. Bezilla	INQUIF	AR WITH THE INFORMARY OF THOSE INDIVIDUA	ALS IMMEDIATELY RESP	ONSIBLE FOR	OBTAINING/     ,	15/5	<i>16</i>				
Vice President		iformation, i believe t complete. I am aware				, 11 - 11 - J.W.					
Operations	SUBMI	TTING FALSE INFORMAT	TION, INCLUDING THE F	POSSIBILITY OF	FINE AND SIGNA	ATURE OF PRINCIPAL		339-34	63	00 0	1 20
TYPED OR PRINTED	may incl	ude fines up to \$10,000 and or max	úmum imprisonment of between 6	months and 5 years.)	OF!	FICER OR AUTHORIZE	DAGENT	AREA NUME	BER	YEAR N	10 DAY

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 DMR NUMBER: N10025411 461C 121999

**MONITORING PERIOD** YEAR МО DAY YEAR MO DAY **FROM** 99 12 01 TO 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	1 461C 12199		(20-21)	(22-23) (24-	-25) (26-27)	(28-29) (30-31)	NOTE: Read ins	tructions before	e comp	leting this	form.
PARAMETER		(3 Card Only) QUAN (46-53)	ITITY OR LOADING (54-61)	i	(4 Card Only) (38-45)	QUANTITY ( (46-53)	OR CONCENTRA (54-61)	TION	NO.	FREQUENC OF	SAMPLI
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	3	3		0	<del></del>	СОМРС
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30. <b>MXXXXX</b> 01MOAV	100.800000 01DAMX	MG/L		ONCE/ MONTH	СОМРС
PETROL HYDROCARBONS, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1		0	TWICE/ MONTH	GRAB
45501 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	10.800000 01MOAV	15.000000 01DAMX	MG/L		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.063	0.118		*****	*****	*****		0	CONTIN UOUS	METE
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****		CONTIN UOUS	METE
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	7	7		0	ONCE/ MONTH	СОМРС
00680 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT 01MOAV	50.00000 01DAMX	MG/L			СОМРО
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT									, <u>.</u> .	
	PERMIT REQUIREMENT									: 1	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT				1						
NAME/TITLE PRINCIPAL EXECUTIVE OF Mark B. Bezilla VicePresident	FFICER I CERTIF FAMILIAF INQUIRY THE INFO	R WITH THE INFORMAT OF THOSE INDIVIDUAL DRMATION I BELIEVE TH	AW THAT I HAVE PERSON ION SUBMITTED HEREIN S IMMEDIATELY RESPO E SUBMITTED INFORMAT THAT THERE ARE SIGN	I; AND BASEI NSIBLE FOR C	D ON MY OBTAINING	Wint.	-/	TELEPHON	IE	DA	TE
Operations TYPED OR PRINTED OMMENTS AND EXPLANATION OF A	SUBMITT IMPRISO may include	ING FALSE INFORMATION  NMENT SEE 18 U.S.C. §  fines up to \$10,000 and or maxin	DN, INCLUDING THE PO 1001 AND 33 U.S.C. § 1319 num imprisonment of between 6 m	SSIBILITY OF I	FINE AND SIGNA	ATURE OF PRINCIPAL FICER OR AUTHORIZE		356 339-34 AREA NUMB		00 0 YEAR M	

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

| YEAR | MO | DAY | YEAR | MO | DAY | FROM | 99 | 12 | 01 | TO | 99 | 12 | 31 |

SOUTHERN REGION / SALEM

DMR NUMBER: NJ002541	.1 461A 1219	99	(20-21)	(22-23) (24-	-25) (26-27) (	(28-29) (30-31)	NOTE: Read instr	uctions before	comp	leting this f	orm.
PARAMETER		(3 Card Only) QUAN (46-53)	TITY OR LOADING (54-61)		(4 Card Only) (38-45)	QUANTITY C (46-53)	R CONCENTRAT (54-61)	ION	NO. EX	FREQUENCY OF	SAMPLI TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70
РН	SAMPLE MEASUREMENT	*****	*****		8.6	*****	8.7		0	WEEKLY	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.000000X 01RPMN	*****	9.000000X 01RPMX	SU		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	39.806	44.620		*****	*****	*****		0	CONTIN UOUS	METER
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	****		CONTIN UOUS	METER
LC50 STATRE 96HR ACU MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N	CODE=1
TAN3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT 01MOAVMN	*****	*****	PERCENT		QTRLY	CK RE
IC25 STATRE 7DAY CHR MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N	CODE=I
TBP3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT 01MOAVMN	*****	*****	PERCENT		QRTLY	CK REC
IC25 STATRE 7DAY CHR CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N	CODE=
TBP6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	REPORT 01MOAVMN	*****	*****	PERCENT		QRTLY	CK RE
CHLORINE PRODUCED OXIDANTS	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	**	0	THREE/ WEEK	GRAB
*CPOX 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.28000X 01MOAV	0.58000X 01DAMX	MG/L		THREE/ WEEK	GRAB
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	21.0	27.1		0	CONTIN UOUS	CK REC
00010 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	36.28888 01DAMX	DEG.C		CONTIN UOUS	CK REC
NAME/TITLE PRINCIPAL EXECUTIVE OF Mark B. Bezilla Vice President	FAMILIA INQUIRY THE INF AND CO	Y UNDER PENALTY OF LA R WITH THE INFORMATI OF THOSE INDIVIDUAL ORMATION, I BELIEVE TH MPLETE. I AM AWARE	ion submitted hereii s immediately respo e submitted informat that there are sign	N; AND BASE DNSIBLE FOR ( TION IS TRUE, A HIFICANT PENAL	D ON MY OBTAINING ACCURATE LTIES FOR	15B.		TELEPHON		DA	
Operations  TYPED OR PRINTED	IMPRISO may include	FING FALSE INFORMATIONMENT, SEE 18 U.S.C. § 1 Infines up to \$10,000 and or maxim	1001 AND 33 U.S.C. § 131	9. (Penalties under	these statutes SIGNA	ATURE OF PRINCIPAL FICER OR AUTHORIZE		56 339-346 REA NUMB		00 0° YEAR M	

<sup>\*\*</sup> Please refer to attached Transmittal Sheet Addenda.

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 YEAR MO DAY FROM 99 12 01 TO 99 12 31 (30-31)

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: NJ0025411	<u>1 461A 12199</u>		(20-21)	(22-23) (24-	25) (26-27)	(28-29) (30-31)	NOTE: Read instr	uctions before	e comp	elting this f	orm.
		(3 Card Only) QUA	NTITY OR LOADING	3	(4 Card Only)		R CONCENTRAT	ION		FREQUENCY	
PARAMETER	$\perp$	(46-53)	(54-61)	_	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	) ANALYSIS (64-68)	(69-70)
TEMPERATURE, WATER	SAMPLE					8.9	11.1		0	CONTIN	CK REC
DEG. CENTIGRADE	MEASUREMENT	*****	*****		*****					uous	
00010 7 0	PERMIT	*****	*****	****	*****	REPORT	REPORT	DEG.C		CONTIN	CK REC
INTAKE FROM STREAM	REQUIREMENT			****		01MOAV	01DAMX			uous	
TEMPERATURE, WATER	SAMPLE					69.9	80.8		0	CONTIN	CK REC
DEG. FAHRENHEIT	MEASUREMENT	*****	*****		*****					uous	,
00011 1 0	PERMIT	*****	*****	****	*****	REPORT	97.1 <b>00000</b> X	DEG.F		CONTIN	CK REC
EFFLUENT GROSS VALUE	REQUIREMENT			****	**************************************	01MOAV	01DAMX			uous	
TEMPERATURE, WATER	SAMPLE					48.0	51.9		0	CONTIN	CK REC
DEG. FAHRENHEIT	MEASUREMENT	*****	*****		*****					UOUS	1
0011 7 0	PERMIT	*****	*****	****	*****	REPORT	REPORT	DEG.F		CONTIN	CK REC
INTAKE FROM STREAM	REQUIREMENT			****		01MOAV	01DAMX			UOUS	1
PHOSPHORUS, TOTAL	SAMPLE					NODI	NODI		0	NODI	NODI
(AS P)	MEASUREMENT	*****	*****		*****						
00665 1 0	PERMIT	*****	*****	****	*****	REPORT	REPORT	MG/L		ONCE/	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT			****		01MOAV	01DAMX	, -		MONTH	)
CARBON, TOT ORGANIC	SAMPLE					11.4	11.4		0	ONCE/	GRAB
(тос)	MEASUREMENT	*****	*****		*****					MONTH	1
00680 1 0	PERMIT	*****	*****	****	*****	REPORT	REPORT	MG/L		ONCE/	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT			****		01MOAV	01DAMX			MONTH	
CARBON, TOT ORGANIC	SAMPLE					-1	-1	**	0	ONCE/	CALCT
(TOC)	MEASUREMENT	*****	*****		*****					MONTH	
00680 2 0	PERMIT	*****	*****	****	*****	REPORT	20.8888	MG/L		ONCE/	GRAB
EFFLUENT NET VALUE	REQUIREMENT	a, to the		****		01MOAV	01DAMX			MONTH	
CARBON, TOT ORGANIC	SAMPLE					10.0	10.0		0	ONCE/	GRAB
(TOC)	MEASUREMENT	*****	*****	]	*****					MONTH	
00680 7 0	PERMIT	*****	*****	****	*****	REPORT	REPORT	MG/L		ONCE/	GRAB
INTAKE FROM STREAM	REQUIREMENT			****		01MOAV	01DAMX			MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE (	OFFICER I CERTI	FY UNDER PENALTY OF	LAW THAT I HAVE PERSOI TION SUBMITTED HEREI	NALLY EXAMINE	D AND AM	1	/	TELEPHON	۱E	DA	TE.
Mark B. Bezilla	INQUIR	y of those individua	ls immediately respo	DNSIBLE FOR C	DBTAINING/	17 No. 1	1. T				
Vice President	AND CO	OMPLETE. I AM AWARE	HE SUBMITTED INFORMATE THAT THERE ARE SIGN	NIFICANT PENAL	TIES FOR A						
Operations	SUBMIT	TING FALSE INFORMAT	ION, INCLUDING THE PO 1001 AND 33 U.S.C. § 131	DSSIBILITY OF	FINE AND SIGN	ATURE OF PRINCIPAL		56 339-34	63	00 0	1 20
TYPED OR PRINTED	may includ	de fines up to \$10,000 and or max	mum imprisonment of between 6 n	nonths and 5 years.)	OF	FICER OR AUTHORIZE	D AGENT A	REA NUMB		YEAR M	
COMMENTS AND EVEL ANATION OF	ANNAL ATIONIC	(D-f									

<sup>\*\*</sup> Please refer to the attached Transmittal Sheet Addenda.

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

FROM 99 12 01 TO 99 12 31

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: NJ0025411	461A 1219	99	(20-21)	(22-23) (24-2	25) (26-27)	(28-29) (30-31)	NOTE: Read in	structions before	comp	leting this	form.
		(3 Card Only) QUAI	NTITY OR LOADING	G	(4 Card Only)	QUANTITY O	R CONCENTR	ATION	NO.	FREQUENC	
PARAMETER	$\times$	(46-53)	(54-61)	<b>,</b>	(38-45)	(46-53)	(54-61)		EX	OF	TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUN	UNITS	(62-63)	ANALYSIS (64-68)	(69-70
HEAT (WINTER)	SAMPLE	301	390						0	DAILY	CALCT
(PER HOUR)	MEASUREMEN	т			*****	*****	*****				
81387 1 0	PERMIT	REPORT	662. <b>00000</b> 00	MBTU/HR	*****	*****	*****	****		DAILY	CALC
FFLUENT GROSS VALUE	REQUIREMENT	T 01MOAV	01DAMX		·			***			
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NAME/TITLE PRINCIPAL EXECUTIVE OF	FAMIL	fify under penalty of I IAR with the informa	TION SUBMITTED HERE	IN: AND BASE	D ON MY 🛭	15/5/		TELEPHON	1E	D/	ATE
Mark B. Bezilla	INQUI	RY OF THOSE INDIVIDUA NFORMATION, I BELIEVE T	LS IMMEDIATELY RESP	ONSIBLE FOR C	BTAINING/	ノイノ) イナッと	. <sup>-</sup> '				
Vice President	AND (	COMPLETE. I AM AWARE	THAT THERE ARE SIG	NIFICANT PENAL	TIES FOR 1/						
Operations	IMPRI	ITTING FALSE INFORMAT SONMENT, SEE 18 U.S.C. §	1001 AND 33 U.S.C. § 13	19. (Penalties under ti	base statutes SIG	NATURE OF PRINCIPAL		856 339-346			)1 20
TYPED OR PRINTED		ude fines up to \$10,000 and or max		months and 5 years.)		FFICER OR AUTHORIZE	J AGENI	AREA NUME	ER	YEAR N	10 DA