

LR-E01-0137

CERTIFIED MAIL RETURN RECEIPT REQUESTED ARTICLE NUMBER: 7000 0600 0022 5183 4970

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

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 March 2001.

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 Jack Buchanan at (856) 339-3214.

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Vice President¹ – Operations

03-2188 REV 112

LR-E01-0137 NJPDES DMR

Attachments

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

LR-E01-0137 NJPDES DMR

BC Vice President - Operations Manager – Nuclear Safety & Licensing Maureen Vaskis, Esq.
P. R. La Sala
D. K. Hurka
NJPDES Tech.
J. Buchanan
A. Nurk
Chem File HCH 2001-022
Env Lic File 2.1.6 HC Book NJPDES DMR

Explanation of Conditions

March 2001

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.

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. NJPDES DMR

Explanation of Exceedances

March 2001

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

DSN No.

EXPLANATION

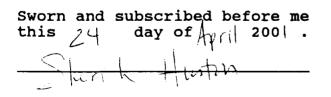
No Exceedances

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 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.

David F¦Garchow Vice President Operations



SHERI L. HUSTON NOTARY PUBLIC OF NEW JERSEY My Commission Expires 12/08/2003

New Jersey Department of Environmental Protection Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

NJPDES PERMIT NUMBER:NJ0025411MONITORING REPORT TYPE:Surface Water DiMONITORING PERIOD:3/1/2001 - 3/31/20		461A DSN 461A - dsw N/A Southern / Salem County
<u>REPORT RECIPIENT:</u> PSE&G P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038	<u>LOCATION OF ACTIVITY:</u> PSE&G HOPE CREEK GENERAT ARTIFICIAL ISLAND FOOT OF BUTTONWOOD RD LOWER ALLOWAYS CREEK, NJ	
CHECK IF APPLICABLE: No Discharge th	is Monitoring Period	
MONITORING REPORT COMMENTS:		
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I certify under penalty of law that I have personal individuals immediately responsible for obtaining the significant penalties for submitting false information.	ly examined and am familiar with the information su e information, I believe the submitted information is tru- including the possibility of fine and imprisonment. See to \$10,000 and or a maximum imprisonment of between	abmitted herein; and based on my inquiry of those ue, accurate, and complete. I am aware that there are a 18 U.S.C. § 1319.

David & GORCHOW WIRE PRESIDENT OPERATIONS

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

856-339-3250

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AREA CODE / TELEPHONE NUMBER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

ł

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

461A DSN 461A - dsw

MONITORING PERIOD: 3/1/2001 TO 3/31/2001

FACILITY NAME:

NJ0025411

PSE&G HOPE CREEK GENERATING ST

	N										
PARAMETER		QUANTITY	OR LOADING	UNITS	QUAL	ITY OR CONCENT	RATION	UNITS	NO EX		SAMPLE
Flow, In Conduit or	SAMPLE					T				ANALYSIS	TYPE
Thru Treatment Plant 50050 1	MEASUREMEN	58,176	43,145		*****	*****	*****		0	Continus	Meter
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	хнох 1	*****	******	 		Continuous	
pH	SAMPLE			<u> </u>	+				<u> </u>		
00400 1	MEASUREMEN	T *****	*****		8.7	*****	8.8		0	1/week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	■ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n andre Greeke op det die Antonie		6.0 01DAMN	*****	9.0	su		1/Week	GRAB
Chlorine Produced					UTDAMIN		01DAMX				CICAD
Oxidants *CPOX_1	SAMPLE MEASUREMENT	*****	*****		•••••	46,1	20,1		0	3/weck	GRAD
Effluent Gross Value	PERMIT]		0.2	0.5	1		JWeit	GLHO
	REQUIREMENT	******	*****	*****	*****	01MOAV	01DAMX	MG/L		3/Week	GRAB
Temperature, oC	SAMPLE										
00010 1	MEASUREMENT	*****	*****		*****	20.3	23.5		0	e	
Effluent Gross Value	PERMIT		ANT NOT HARD		States States			-	Ľ	CONTINUAIS	chuq
	REQUIREMENT	******	******	*****	*****	REPORT 01MOAV	36.2 01DAMX	DEG.C		Continuous	CK REQ
Temperature,	SAMPLE			<u>_</u>			VIDAMA	<u> </u>	ļ		
oC 00010 7	MEASUREMENT	*****	*****	!	*****	2 h	0-				
		e a fair a straighteachailteachailteachailteachailteachailteachailteachailteachailteachailteachailteachailteach				8.2	9.5	1	0	CONTINUES	CKRIQ
ntake From Stream	PERMIT REQUIREMENT	*****	*****	*****	******	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CK REQ
Phosphorus, Total	SAMPLE										
as P) 0665_1	MEASUREMENT	*****	*****		*****	Code=N			0	A-L- V	al 1
Effluent Gross Value	PERMIT						Code=N		0	Code=N	Code = N
	REQUIREMENT	*****	*****	******	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
Carbon, Tot Organic	SAMPLE									·····	
TOC) 0680 1	MEASUREMENT	*****	*****		*****	6.5	6,5		0	Al se	
ffluent Gross Value	PERMIT		A CARLER OF THE STREET	ŀ						Anorth	GEAD
	REQUIREMENT			******		REPORT	REPORT	MG/L		1/Month	GRAB
arbon, Tot Organic	SAMPLE	<u>,</u>			The College of the Solar So		Set, VIDAMA				
(DO)	MEASUREMENT	*****	*****		*****	/	,		2	1.0	
0680_2 ffluent Net Value		1		ŀ	Mary States and State	l	1		Õ	mon Th	CALOTO
muent wet value	PERMIT		*****	•••••		REPORT	20 🔹	NC"	24	1/Month	
	L]		A Real And And And			01MOAV	01DAMX	MG/L		monun	CALCTD

Comments: Your Monitoring Report Forms have been converted to the Department's new N. J. Environmental Management System (NJEMS). If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Regin 2 at (609) 292-4860 or via small at "srosenwi@dep.state.nj.us".

PERMIT NUMBER: NJ0025411					ONITORING PERIOD: FACILITY NAME: 1/2001 TO 3/31/2001 PSE&G HOPE CREEK GENERATING ST						
PARAMETER	\geq	QUANTITY OR LOADING		UNITS	QUAL	QUALITY OR CONCENTRATION		UNITS	NO. EX.		SAMPLE TYPE
Carbon, Tot Organic (TOC) 00680 7	SAMPLE MEASUREMENT	*****	******		*****	4.2	4.2		0	1/mexth	<i>Serb</i>
Intake From Stream	PERMIT REQUIREMENT		and and a second se	•••••		REPORT	REPORT 01DAMX	MG/L		1/Month	GRAB
Heat (winter) ∿ ≦ਿਲੇ ਅਤੇ ਦੇ (per Hr.) 81387_1	SAMPLE MEASUREMENT	*****	*****		*****	288	480		0	1/DAL	CALCTO
Effluent Gross Value	PERMIT REQUIREMENT			*****	******	REPORT 01MOAV	662 01DAMX	MBTU/HR		1/Day	CALCTD
Lab Certification #	SAMPLE MEASUREMENT	17.457	77343		06431	<u></u>	I				
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT	REPORT Lab #			Not Applic	NOT AP

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New Jersey Department of Environmental Protection Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

MONITORING PERIOD: 3/1/2001 - 3/31/2001	MONITORED LOCATION: Irge N MONITORED LOCATION GROUP REGION / COUNTY:	461C DSN 461C - DSW intern : N/A Southern / Salem County		
<u>REPORT RECIPIENT:</u> PSE&G P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038	<u>LOCATION OF ACTIVITY:</u> PSE&G HOPE CREEK GENERA ARTIFICIAL ISLAND FOOT OF BUTTONWOOD RD LOWER ALLOWAYS CREEK, N			

No Discharge this Monitoring Period CHECK IF APPLICABLE:

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MONITORING REPORT COMMENTS: _____

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. § 1319.

(Renalties under these statutes may include fines up to \$10,000 and or a maximum imprisonneat of between 6 months and 5 years.)

Lavid F. GARCHOW UIG PRES dent OPERATIONS

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

856-339-3250

AREA CODE / TELEPHONE NUMBER

DÁTE (MONTH / DAY / YEAR)

A

PARAMETER	\geq	QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTR	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	0,055	0110		*****	- *****	*****		0	CONTINUCS	METER
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT	MGD		4444 44 4444 44 4444 44		*****		Continuous	METER
Solids, Total	SAMPLE MEASUREMENT	*****	*****		*****	7	7		D	1/month	Compos
Effluent Gross Value	PERMIT REQUIREMENT			*****		30 01MOAV	100 01DAMX	MG/L		1/Month	COMPOS
Petrol Hydrocarbons; Total Recoverable 45501 1	SAMPLE MEASUREMENT	*****	*****		*****	2 (2	. <u></u>	0	2/month	GRAD
Effluent Gross Value	PERMIT		·····	*****		10 01MOÁV	15 01DAMX	MG/L		2/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1	SAMPLE MEASUREMENT	*****	*****		****	8	8		Э	1/months	Compes
Effluent Gross Value	PERMIT REQUIREMENT	ilinis (******		REPORT	50 01DAMX	MG/L		1/Month	COMPOS
Lab Certification # 100 2000	SAMPLE MEASUREMENT	17451	17343		06431	<u>अल्लाहर स्ट्रिक</u>			in the second		
Lab	PERMIT REQUIREMENT	REPORT	REPORT		the second se	REPORT	REPORT			Not Applic	NOT AP

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New Jersey Department of Environmental Protection Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

NJPDES PERMIT NUMBER: NJ0025411 MONITORING REPORT TYPE:Surface Water Discharge N MONITORING PERIOD: 3/1/2001 - 3/31/2001	MONITORED LOCATION: MONITORED LOCATION GROUP REGION / COUNTY:	462B dsn 462B - dsw outfall P: N/A Southern / Salem County
<u>REPORT RECIPIENT:</u> PSE&G P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038	LOCATION OF ACTIVITY: PSE&G HOPE CREEK GENERA ARTIFICIAL ISLAND FOOT OF BUTTONWOOD RD LOWER ALLOWAYS CREEK, N	TING ST
CHECK IF APPLICABLE: No Discharge this Monitoring	Period	
MONITORING REPORT COMMENTS:		
I certify under penalty of law that I have personally examined an individuals immediately responsible for obtaining the information, I significant penalties for submitting false information, including the p	possibility of fine and imprisonment. Se	rue, accurate, and complete. I am aware that there are $48 \text{ US} = 681319$
Penalties under these statutes may include fines up to \$10,000 and David F. GARChow Dice Plus dut OPer	or a maximum imprisonment of between	no months and 5 years.)
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZ		AL EXECUTIVE OFFICER OR AUTHORIZED AGENT
856-339-3258	<u>4/24/0)</u>	

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

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PERMIT NUMBER:

NJ0025411

MONITORED LOCATION:

462B dsn 462B - dsw outfall

MONITORING PERIOD:

3/1/2001 TO 3/31/2001

FACILITY NAME:

PSE&G HOPE CREEK GENERATING ST

PARAMETER	$\left \right>$	QUANTITY	OR LOADING	UNITS	QUAL	ITY OR CONCENT	RATION	UNITS	NO.	FREQ. OF	SAMPLE
Flow, In Conduit or	<u>+</u>		T			T			EX.	ANALYSIS	TYPE
Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	0,010	0.019		******	******	******		0	1/Day	meter
Effluent Gross Value	PERMIT	REPORT	REPORT	MGD	·········			******	in der Gesein	1/Day	METER
BOD, 5-Day (20 oC)	-			<u> </u>	A APPLY COLOR OF COLORAD	AN A YOU CHIMMAN AND A COMPANY	12 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Real of the	
00310 1	SAMPLE MEASUREMENT	0	0		******	******	*****		0	1/month	Q . 0.5
Effluent Gross Value	PERMIT REQUIREMENT	8 01MOAV	REPORT	KG/DAY			7211 71-11 AV	•••••		1/Month	COMPOS
BOD, 5-Day (20 oC)					Although the second second	-arriva instation	Service and the start		1.4	1999 - 1999 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 -	
00310 K	SAMPLE MEASUREMENT	*****	*****		98.7	*****	*****		Ø	1/month	CALETD
Percent Removal	PERMIT	imrør.	· inn the		87.5 M	a mirit	A Lun 1	PERCENT		1/Month	CALCTD
Solids, Total Suspended 00530 1	SAMPLE MEASUREMENT	*****	*****		*****	/0	10		0	1/month	0- 0-
Effluent Gross Value	PERMIT			*****		30 01MOAV	REPORT	MG/L		1/Month	COMPOS
Solids, Total	(A CHINARY SIGN	VIDAMA		6,05		
Suspended 00530 K	SAMPLE MEASUREMENT	*****	******		97	******	*****		0	la to	day (
Percent Removal	PERMIT REQUIREMENT	*****		******	85 01MOAVMN			PERCENT		1/Month	CALCTD CALCTD
Oil and Grease					and the second	and seeming of scattered	and the second second second		$\sim \frac{1}{2}$	and the second s	
Freon Ext-grav Meth 00556_1	SAMPLE MEASUREMENT	*****	*****		*****	,	,		0	/month	GRAb
Effluent Gross Value	PERMIT REQUIREMENT	•••••	******	•••••	Stating of the	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
Coliform, Fecal			<u> </u>				UIDAMX				
General 4055 1	SAMPLE MEASUREMENT	*****	*****	1	*****	6	6		2	1/month	Gerb
ffluent Gross Value	PERMIT REQUIREMENT		•••••••	•••••		200 01MOGE	400	#/100ML	28	1/Month	GRAB
ab Certification #			inder and the second states of the second states of the second states of the second states of the second states			AN CIMODE	01WKGE				
9999 99	SAMPLE MEASUREMENT	17451	77343		06431						
ab	PERMIT REQUIREMENT	REPORT	REPORT			REPORT	REPORT	ŀ		Not Applic	NOT AP

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