AUG. 18 2006

LR-E06-0353



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7004 2510 0005 2135 6441

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 July 2006.

This report is required by and prepared specifically for 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 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 or 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 Tiffany Baban at (856) 339-2628.

George P. Barnes

Site Vice President - Hope Creek

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LR-E06-0353 NJPDES DMR

Attachments

C Executive Director, DRBC
USNRC - Docket number 50-354
Site Vice President – Hope Creek
Director – Regulatory Assurance
Christopher McAuliffe, Esq.
C.D. Gibson
T. A. Baban
E. J. Keating
C. E. White
NJPDES Technician
Chem File HCH 2006-036

LR-E06-0353 NJPDES DMR

EXPLANATION OF CONDITIONS

July 2006

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.

EXPLANATION OF EXCEEDANCES

July 2006

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

DSN No.

EXPLANATION

No Exceedances

LR-E06-0353 NJPDES DMR

COUNTY OF SALEM STATE OF NEW JERSEY

- I, George P. Barnes, of full age, being duly sworn according to law, upon my oath depose and say:
- 1. I am the Site Vice President-Hope Creek 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.

George P. Barnes

Site Vice President - Hope Creek

Sworn and subscribed before me this 18^{+h} day of August 2006.

JENNIFER M. TURNER NOTARY PUBLIC OF NEW JERSEY Commission Expires 8/8/2010

New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

	MONITORING PERIOD	MONITORED LOCATION:					
NJ0025411	Month Day Year To Month Day Year 461A - DSN 461A - dsw						
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236-N21 - ALLOW RD HANCOCKS BRIDGE, NJ (FOOT OF BUTTONWOOD RD	REPORT RECIPIENT: PSE&G P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038					
	REGION / COUNTY: Southern / Salem County						
CHECK IF APPLICABLE:		Report Comments Attached					
	ed by that person shall also sign the second certification at the bottom atment works, the highest-ranking official of the contracted entity shall						
that, based on my inquiry of the complete. I am aware that the	hat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information are significant penalties for submitting false information, including	submitted in this document and all attachments, and n, I believe that the information is true, accurate and the possibility of fine and/or imprisonment, pursuant					
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - dsw

7/1/2006 TO 7/31/2006

HOPE CREEK GENERATING STATION

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PARAMETER	X	QUANTITY C	PR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	59.198	61.511		*****	*****	*****		0	continuous	meter
50050 1 Effluent Gross Value	PERMIT, REQUIREMENT	REPORT OTMOAV grade	REPORT O DAMA	MGD	e unic	umin main	(1)(1)(1)	*****		© 1111015	MEVER
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	72.324	74. 190		*****	*****	- *****		0	dentinuous	meter
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*CPOX 1 Effluent Gross Value	CERLATY REQUIREMENT ROLL	emar Servicina	GEORGE .	******	ann Lunn	ON ONNOWAN	OLDANX OLDANX OF	MG/L		Confilmation	GHAB
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Comments: 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 email at "susan.rosenwinkel@dep.state.nj.us".

Grab samples obtained IMW permit requirements while continuous monitoring with out of service.

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - dsw

7/1/2006 TO 7/31/2006

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****	· .	******	6	6		O	1/month	Grab
00680 1 Effluent Gross Value	PERMIT RECOURSMENT	apriv.	Lingu	******	aria:	REPORT OILOAV	REPORT GIDAMX	MG/L		i/Month	GIAĐ
<u> </u>	F OF										
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	month	Celote
00680 2 Effluent Net Value	PERMIT REQUIREMENT	Figur ,	,mm	•••••	nini.	(HERORI) O'IMO'AV	FIEPORT OIDAMX	MG/L		Millionth	<u>even</u>
	* (QU	E Capa			garan (anim)		Section (Section				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	. *****	*****		*****	4	4		0	1/month	Grab
00680 7 Intake From Stream	PEGMIT RECUREMENT	criff.	ginan T	******	ining.	RIFRORD GIMOAV	REPORT. OIDAMX	MG/L		វ/វិយិចភារិក	GRAB
		Part Control					a zama				
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81386 1 Effluent Gross Value	PERMIT RECURRENT	GEPORT O'IMOAV	650 ODANX	MBTU/HR	uni),	mini	oran.	•••••		(Teay	GARGID
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	QL.	OTTO:	GODD .		l _{ation}	ر. نیس					

New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:
NJ0025411	Month Day Year 7 1 2006 To 7 31 2006	
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236-N21 - ALLOW RD HANCOCKS BRIDGE, NJ 0	FOOT OF BUTTONWOOD RD	P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038
	REGION / COUNTY: Southern / Salem County	
CHECK IF APPLICABLE:	No Discharge this Monitoring Period Monitor	ring Report Comments Attached
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

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7/1/2006 TO 7/31/2006

HOPE CREEK GENERATING STATION

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PARAMETER		QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0,648	0.138		*****	*****	*****		0	Continuous	meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT OIMOAV	REPORT O'DAMX	MGD		 ::::::::::::::::::::::::::::::::::	ئينت نيست	******	<i>7.</i>	Continuous	METER
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Petrol Hydrocarbons, Total Recoverable	SAMPLE MEASUREMENT	*****	****	 	*****	40.5	(0.5		0	2/month	Grab
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Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	6	6		0	1/month	Compos
00680 1 Effluent Gross Value	FEIMIR HEQUIREMENT	ugum onigi	umur umur	******	OTALL)	IRÉPORT OTMOAV	60 ODAMX	MG/L		WMonth	COMPOS
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New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

	MONIT	ORING PERIOD	MONITOR	ED LOCATION:
NJ0025411	Month Day Year 7 1 2006		1402B - NSN 402B .	- dsw outfall
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236-N21 - ALLOWARD HANCOCKS BRIDGE, NJ 08	HOPE AY CREEK NECK ARTH FOOT	CATION OF ACTIVITY: E CREEK GENERATING STATION FICIAL ISLAND OF BUTTONWOOD RD ER ALLOWAYS CREEK, NJ 0803	P.O. BOX 236/N2 HANCOCKS BRI	1
	REGION / COU	NTY: Southern / Salem County		
CHECK IF APPLICABLE:	No Discharge this Mo	onitoring Period Monitor	ing Report Comments Attac	ched
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to N.J.A.C. 7:14A-6.9(B). The l		submitting false information, include Control Act provides for penalties up	ling the possibility of fine and	mation is true, accurate and
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George P. Barnes George P. Barnes NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the high person designated by that person sh	New Jersey Water Pollution O., Site Vice President — EXECUTIVE OFFICER, AUTHOUTIVE OFFICER, AUTHORIZE THE CONTRACT CONTR	submitting false information, included Control Act provides for penalties up Hope Creek ORIZED AGENT, OR *LICENSED OPERATOR The AGENT, OR *LICENSED OPERATOR The Ability to authorize capital exp	ting the possibility of fine and to \$50,000 per violation. RATOR GRADE AND REGISTANCE R DATE Lenditures and hire personnel, a personnel, a personnel, a personnel.	mation is true, accurate and d/or imprisonment, pursuant N/A TRY NUMBER (IF APPLICABLE) 856-339-1952 AREA CODE/PHONE NUMBER person having that responsibility of
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B dsn 462B - dsw outfail

7/1/2006 TO 7/31/2006

HOPE CREEK GENERATING STATION

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PARAMETER	X	QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, in Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.013	0.024		****	****	****		0	1/024	meter
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BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	*****	*****		*****	256	256	· · · ·	0	1/month	Compos
00310 G Raw Sew/influent	PERMITI REQUIREMENTS		anno (÷*****	aina aina	REPORTI OTMOAV	HEPORT O'DAMA HELD	MG/L		ปี่เพื่อกปัก	CÓMPOS
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	0	Ó	÷	*****	42	<2		0	1/month	Compos
00310 1 Effluent Gross Value	REQUIREMENT	G GIMOAV	HERORD OWNAV	KG/DAY	e Citti	OILOAV OILOAV	OWEN I	MG/L		i/Month	COMPO S
BOD, 5-Day (20 oC)	SÁMPLE MEASUREMENT	*****	*****		99.6	*****	*****		0	1/month	Calctd
00310 K Percent Removal	PERMIT REQUIREMENT			******	OTMOAVMNI UMAVMNI UMAV	cano vrim	gian Ting	PERCENT	*	าได้อกเก	(CALCOID)
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		*****	272	272] 	0	1/month	Compos
00530 G Raw Sew/influent	PERMITI RECUREMENT	man	GIIII.		cum.	GILOAV	GERORI O DAMX	MG/L	ī	dipoliti	COMPOS
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		*****	16	16	<u> </u>	0	Ymenth	Compos
00530 1 Effluent Gross Value	PERMIT REGUREMENT		circii	•••••		0 <u>0</u> 0 .V.O VI0	45 01.044	MG/L		i/Month	COMPOSE
L	QL QL	A CONTRACTOR OF THE PARTY OF TH		[(initial)	in the second second	1983025		700		

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B dsn 462B - dsw outfall

7/1/2006 TO 7/31/2006

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY (OR LOADING	UNITS	QUALITY OR CONCENTRATION				NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		94	94	*****		0	Unonth	Calctd
00530 K Percent Removal	PERMIT REQUIREMENT	Kango Lina	arin.	******	65 O'IMOAVMN	FEPORTO P OTMOAV		PERCENT		i/Month	Gyreid
Oil and Grease	SAMPLE MEASUREMENT	***	*****		****	<5	< <i>5</i>		0	1/month	Grab
00556 1 Effluent Gross Value	PERMIT REGUREMENT		cimo,	*****	33110 33110	OTTO OTTO OTTO	TE ODAMA TIMA	MG/L .		ग्रिकारिक	GIME
Coliform, Fecal General	SAMPLE MEASUREMENT	*****	*****		*****	<2	<2		0	Vmanth	Grab
74055 1 Effluent Gross Value	PERMIT (RECOURSEMENT)	anti.	GILLO GILLO		omn.	200 01M0 GE	400 OTWKG⊒	#/100ML		i)/Month	GRAB
Lab Certification #	SAMPLE MEASUREMENT	17451	-06431	İ							
99999 99 Lab	PERUIT REQUIREMENT	GEPORT GSb()	FERON POOL		FEPORTI LEDGI TITLE	REPORT LEGAL GULL	HEON Ledy:			MovApplie.	PATION