MAY 2 2 2008

HCH-2009-064



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7006 0100 0004 0657 6538

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 April 2009.

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 Christopher White at (856) 339-3301.

Singerely,

George P. Barnes

Site Vice President - Hope Creek

TE25 NUR **Attachments**

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

HCH-2009-064 NJPDES DMR

3

EXPLANATION OF CONDITIONS

April 2009

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 2007 revision of the NJDEP Monitoring Report Form Reference Manual and specific guidance from DEP personnel.

HCH-2009-064 NJPDES DMR

4

EXPLANATION OF EXCEEDANCES

April 2009

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

DSN No.

EXPLANATION

No Exceedances

HCH-2009-064 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.
- 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 22 Nd day of May 2009.

> DELORIS D. HADDEN Notary Public of New Jersey My Commission Expires 03/29/2010

ID # 2073649

AREA CODE/PHONE NUMBER

New Jersey Department of Environmental Protection Division of Water Quality

中国的董事事的,但是自己的政治主义,由于各种政治的政治的是由"对社会

Surface Water Discharge Monitoring Report Submittal Form

	<u> </u>	M	ONITO	RING	PERIC)D		MONITORED LOC	CATION:
NJ0025411	Month 4	Day	Year 2009	To [Month 4	Day 30	Year 2009	461A - DSN 461A - dsw	
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236-N21 - ALLOWAY RD HANCOCKS BRIDGE, NJ 0803		NECK	HOPE C ARTIFIC FOOT C	REEK CIAL IS F BUT	OF AC GENERA SLAND TONWO WAYS C	TING S' OD RD		REPORT RECIPIENT PSE&G THTANY BABAN P.O. BOX 236./ H15 HANCOCKS BRIDGE, NI 0	- Incloughly
1000000000000000000000000000000000000	:	REGION	/ COUNT	Y: Sou	thern/S	alem Co	unty		
HECK IF APPLICABLE:	Not	liccharda	this Mon	itorina	Period		Anitaii	g Report Comments Attached	
other entity to operate the treatmertify under penalty of law that it, based on my inquiry of those mplete. I am aware that there are	ent works I have per individu re signific	s, the high ersonally cals immed ant penal	est-rankin examined liately res ties for su	g offici and am ponsible bmitting	al of the familiar e for obtagg false in	contracte with the ining the formation	d entity shiftensity information, including	on submitted in this document and all ion, I believe that the information is to gethe possibility of fine and/or imprison	attachments, and ue, accurate and
N.J.A.C. 7:14A-6.9(B). The Ne		哲學的 的 語				s for pen	alties up t		
George P. Barnes, S			1.3					N/A	
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CNATURE OF PRINCIPAL EXECUT	TÎVÊ OFFI	CER, AUT	HORIZED	AGENT,	OR *LICI	ENSED OF	ERATOR	DATE AREA CO	DE/PHONE NUMBI

SIGNATURE

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - dsw

4/1/2009 TO 4/30/2009

HOPE CREEK GENERATING STATION ..

PARAMETER		QUANTITY O		UNITS	QUÂLI	TY OR CONCENT	RATION	UNITS	NO. EX.	FREQ: OF	SAMPLE
low, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	38: 435 REPORT	55.680 REPORT 01DAMX	MGD	*****	*****	*****	****	1	ANALYSIS Continuous	METER.
low, in Conduit of hru Treatment Plant 0050 7 ntake From Stream	SAMPLE MEASUREMENT PERMIT REQUIREMENT	Y3.15C REPORT 01MOAV	52.783 REPORT	MGD		******	*****		Ō	Continuous	mejes Meter
DO400 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	******	******	*****	7. 8 6.0 01DAMN	******	8-7 9.0 01DAMX	SU	0	/week	Gra4 Grab
Chlorine Produced Oxidants CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	******	Entered Lands (Allendary Lands)	*****	0:2 01MOAV	40.1 0.5 01DAMX	MG/L	O	Continuous	GV4 b
emperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	******	******	*****	******	REPORT 01MOAV		DEG.C	0	Continuous	meter Meter
Temperature, oC 00010 7 Intake From Stream	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	The state of the s	*****	12.3 REPORT	REPORT OIDAMX	DEG.C	0	Continuous	meter METER

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".

MONITÓRED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - dsw

4/1/2009 TO 4/30/2009

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LO	ADING UNITS	QUALI	TY OR CONCENTA	ATION	UNITS	NO. EX:	FREQ. OF ANALYSIS	SAMPLE TYPE
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT				5			0	month	Grib
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	orrice Control	etinet	******	REPORT 01MOAV	REPORT 01DAMX	MG/L	4	1/Month	GRAB
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	The state of the s	TANANA	THE PARTY OF THE P				D	1/month	Colots
00680 2 Effluent Net Value	PERMIT REQUIREMENT	activity	****** *******************************	Section	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	CALCTD
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	を表現している。 ・ 1 年 日本	/	本 本書の表示のでは、本書の表示を ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	2	2		0	month	Grab
00680 7 Intake From Stream	PERMIT REQUIREMENT	A	*****	3 11111 11	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
Heat (winter) (per Hr.)	SAMPLE SA	151	112	**************************************	**************************************	THE STATE OF THE S		O	Your	Calctd
81387 1 Effluent Gross Value	PERMIT, REQUIREMENT	REPORT 01MOAV (662 1DAMX MBTU/H	R section	dernat trant	Parkers Services	*****		1/Day	CALCTD
Lab Certification #	SAMPLE MEASUREMENT	计程序 "是不是要什么"的 经经济的 "我没吃?"	n 166	04653	T. 1	ender die geweiter der State d				
99999 99 Lab	PERMIT/ REQUIREMENT	REPORT Lab#	REPORT.	REPORT Lab#	REPORT Lab #	REPORT Lab.#		Ų	Not Applic	NOT AP

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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 Month Day Year 4 1 2009 To 4 30 2009	461C - DSN 461C - DSW internal
PERMITTEE:	LOCATION OF ACTIVITY:	REPORT RECIPIENT:
PSE&G NUCLEAR LLC	HOPE CREEK GENERATING STATION	PSE&G
PO BOX 236-N21 - ALLOWA		THEANY BABAN Mayann McLaugh IM
RD	FOOT OF BUTTONWOOD RD	P.O. BOX 236 / H15
HANCOCKS BRIDGE, NJ 08	038 LOWER ALLOWAYS CREEK, NJ 08038	HANCOCKS BRIDGE, NJ 08038
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	REGION / COUNTY: Southern / Salem County	建设在中央的工程的企业,在1960年,1960年,1960年,1960年 ,1960年,19
CHECK IF APPLICABLE:	No Discharge this Monitoring Period Monitoring	Report Comments Attached
THE AMERICAN CHARLES AND ALLES	The state of the s	
	t ranking official having day-to-day managerial and operational respo	
and the second s	a person designated by that person. For a local agency, the highest r	
	est ranking operator does not have the ability to authorize capital expe	
	I by that person shall also sign the second certification at the bottom ment works, the highest-ranking official of the contracted entity shall	
another entity to operate the treat	ment works, the ingliest-raiking official of the confidence entity shari	i sigli die cei dicadon.
	at I have personally examined and am familiar with the information	
	se individuals immediately responsible for obtaining the information	
	are significant penalties for submitting false information, including	
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George P. Barnes, S	Site Vice President—Hope Creek	The State of the WAR State of the State of t
NAME AND PUTE OF PRINCIPAL I	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO	R GRADE AND REGISTRY NUMBER (IF APPLICABLE)
secral F	ance	<i>5722/09</i> 856-339-1952
	UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER
· · · · · · · · · · · · · · · · · · ·	est ranking operator does not have the ability to authorize capital expendit	ures and hire personnel: a person having that responsibility or
person designated by that person sho		
A STATE OF THE STA	તાર્વિક શાળા કર્યું એ અભ્યાસ જાણા કરવામાં આવેલી અને કરાયાં છે. જે તે મારા કરાયાં મારા માટે કરાયાં મારા પાસ કરો આ મારા મારા મારા મારા મારા મારા મારા માર	생물하다. 생생님 생물 전에 생각하는 사람들이 되었다. 그런 사람들은 사람들이 되었다. 사람들은 사람들은 사람들이 하는 사람들은 사람들이 가는 사람들이 되었다.
I certify under penalty of law and in	accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed th	的复数数数数据的 电路引起性的 被调整性 机环塞线线线器 医性病性结合征 正足 化三甲醇酸甲基酚 计计划 计通知电池 电二流电池 计正规 化二氯甲基二氯甲基二氯甲基
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NAME AND TITLE	SIGNATURE	DATE AREA CODE/PHONE NUMBER
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461C DSN 461C - DSW interna 4/1/2009 TO 4/30/2009 HOPE CREEK GENERATING STATION

PARAMETER	$ \times $	QUANTITY (DR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.033	0,120		*****	*****	*****		0	continuous	meter
60050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	tantan	Atting	**************************************	*****		Continuous	METER
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		**************************************	9	9		0	Post	Cempos
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	ectore	specific	*****	there a	30 01MOAV	100 01DAMX	MG/L		1/Month	COMPOS
etrol Hydrocarbons, otal Recoverable	SAMPLE MEASUREMENT		*****		****	45	25		0	2/month	Greb
I5501 1 Effluent Gross Value	PERMIT: REQUIREMENT	Attack Attack Attack	CONST. Lp.	*****	Anna de la compansa d	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
carbon, Tot Organic	SAMPLE MEASUREMENT					9	9		O	month	Compos
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	Addres.	season.	*****	enerth.	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	COMPOS
áb Certification #	SAMPLE MEASUREMENT	17451	PA 166		04653			de Production de La Company		Secretary Control of the Control of	
99999 99 _ab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab#		REPORT 5	REPORT Lab#	REPORT Lab#		1	Not Applic	NOT AP

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New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MON	NITORING PERIOD	MONITORED LOCATION:
NJ0025411		Year Month Day Year 2009 To 4 30 2009	462B - dsn 462B - dsw outfall
PERMITTEE:	<u> </u>	OCATION OF ACTIVITY:	REPORT RECIPIENT:
PSE&G NUCLEAR LLC PO BOX 236-N21 - ALLOWARD HANCOCKS BRIDGE, NJ 08	AY CREEK NECK A F	OPE CREEK GENERATING STATION RTIFICIAL ISLAND OOT OF BUTTONWOOD RD OWER ALLOWAYS CREEK, NJ 08038	PSE&G THEANY BABAN May 1999 Nelseighlin P.O. BOX 236 / H15 HANCOCKS BRIDGE, NJ 08038
	REGION/C	OUNTY: Southern / Salem County	
CHECK IF APPLICABLE:	No Discharge thi	is Monitoring Period Monitori	on Depart Comments Attached
eponsibility or person designate mother entity to operate the treat certify under penalty of law that, based on my inquiry of the complete. I am aware that there	d by that person shall alternet works, the highest at I have personally exause individuals immediate are significant penalties	so sign the second certification at the botto eranking official of the contracted entity s mined and am familiar with the informatively responsible for obtaining the informative	on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ag the possibility of fine and/or imprisonment, pursuant
George P. Barnes,	· · · · · · · · · · · · · · · · · · ·		N/A
		UTHORIZED AGENT, OR *LICENSED OPERA	tor Grade and registry number (if applicable 5/22/09 856-339-1952
	UNIL TOTAL	PRIZED AGENT, OR *LICENSED OPERATOR	
	est ranking operator does	not have the ability to authorize capital expen	ditures and hire personnel, a person having that responsibility
certify under penalty of law and in	accordance with N.J.S.A.:	58:10A-6F(5) that I have received and reviewe	d the attached discharge monitoring reports: N/A N/A
NAME AND TITLE		<u>antine andre al location de transpir for a fair a location de la companya de la companya de la companya de la</u> La companya de la co	

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B dsn 462B - dsw outfall

4/1/2009 TO 4/30/2009

HOPE CREEK GENERATING STATION.

PARAMETER	X	QUANTITY (OR LOADING,	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, in Conduit or Fhru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	O,OIR REPORT 01MOAV	O,O27 REPORT 01DAMX	MGD	******		******	*****	D	1/Day	<i>Meter</i> Meter
BOD, 5-Day (20 oC) 00310 G Raw Sew/influent	SAMPLE MEASUREMENT PERIMIT REQUIREMENT	******	**************************************	••••••	****** *******	1010 REPORT 01MOAV	IOIO REPORT 01DAMX	MG/L	0	Vision + Li 1/Month	Compos compos
BOD, 5-Day (20 oC) 00310 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	6 OHMOAV	REPORT 01WKAV	KG/DAY	****** ******	30 01MOAV	76 45 01WKAV	MG/L	0	V⊶on+4 1/Month	Compos
BOD, 5-Day (20 oC) 00310 K Percent Removal	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****		98.4 87.5 01MOAVMN	***************************************	Table 1	PERCENT	0	/minjts 1/Month	Calctd Calctd
Solids, Total Suspended 00530 G Raw Sew/influent	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	663 REPORT OIMOAV	663 REPORT 01DAMX	MG/L	0	1/Month	Coryes COMPOS
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	30 01MOAV	45 01WKAV	MG/L	0	Month.	Compos COMPOS

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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B dsn 462B - dsw outfall

4/1/2009 TO 4/30/2009

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTE	IATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended	SAMPLE MEASUREMENT	****	*****		99	99	*****		Ó	month	Calctd
00530 K Percent Removal	PERMIT REQUIREMENT	***************************************	******	*****	85 01MOAVMN	REPORT 01MOAV	The state of the s	PERCENT		1/Month	CALCTD *
Oil and Grease	SAMPLE MEASUREMENT	*******	TO THE PROPERTY OF A SECOND STATE OF THE PROPERTY OF T	The second section of the section		< 5	15	विकास संक्राण सम्बद्धाः व्यक्तिः एक्ष्मान्युक्तिसम्बद्धाः वर्णाः	0	Vainte	Grab
00556 1 Effluent Gross Value	PERMIT: REQUIREMENT	ALLAND TRANSPORT	erent Company	*****	***************************************	10 n 01MOAV	15 01DAMX;	MG/L		1/Month	GRAB
Coliform, Fecal General	SAMPLE MEASUREMENT	****		The second secon		۷10	210		O	month	Grab
74055 1 Effluent Gross Value	PERMIT REQUIREMENT	ARTHUR CONTRACTOR	Access and	*****	Andreas SERVED	200 01MOGE	01WKGE	#/100ML		1/Month	GRAB
Lab Certification #	SAMPLE MEASUREMENT	17451	PH 166		06005		alegerates and medical		157 (1985) 1 7 15 15		3 37
99999 99 Lab	PERMIT REQUIREMENT:	REPORT	REPORT Lab #		REPORT Lab#	REPORT.	REPORT Lab.#		T. 2	Not Applic	NOT AP

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