

SEP 24 2012

HCH-2012-058



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7011 3500 0000 5084 5959

Department of Environmental Protection
Office of Permit Management
Division of Water Quality
PO Box 420
Trenton, N.J. 08625-0420

**NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT
HOPE CREEK GENERATING STATION
NJPDDES PERMIT NJ0025411**

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of August 2012 and the Consolidated Waste Characterization Report for DSN-462B located at Hope Creek,

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.

Sincerely,

A handwritten signature in black ink that reads "John F. Perry".

John F. Perry
Site Vice President – Hope Creek

1 E25
NRR

Attachments

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

EXPLANATION OF CONDITIONS

August 2012

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 indicated on the respective transmittal sheet with explanations below.

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.

Sampling frequency was increased for DSN-461A to support the DRBC nutrient monitoring study and to obtain additional operational data.

Attached is the Consolidated Waste Characterization Report for DSN-462B.

EXPLANATION OF EXCEEDANCES

August 2012

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

DSN No.

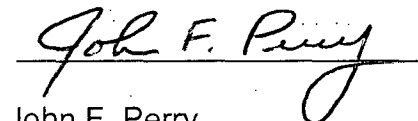
EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY


I, John F. Perry, 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.



John F. Perry
Site Vice President – Hope Creek

Sworn and subscribed before me
this 24th day of September, 2012.



Deloris D. Hadden
Notary Public of New Jersey
My Commission Expires 3/29/2015
ID # 2073649

New Jersey Department of Environmental Protection
Division of Water Quality
Surface Water Discharge Monitoring Report Submittal Form

PI 46815

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:												
NJ0025411	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="padding: 2px;">Month</td><td style="padding: 2px;">Day</td><td style="padding: 2px;">Year</td></tr><tr><td style="text-align: center;">8</td><td style="text-align: center;">1</td><td style="text-align: center;">2012</td></tr></table> To <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="padding: 2px;">Month</td><td style="padding: 2px;">Day</td><td style="padding: 2px;">Year</td></tr><tr><td style="text-align: center;">8</td><td style="text-align: center;">31</td><td style="text-align: center;">2012</td></tr></table>	Month	Day	Year	8	1	2012	Month	Day	Year	8	31	2012	461A – DSN 461A – DSW
Month	Day	Year												
8	1	2012												
Month	Day	Year												
8	31	2012												

PERMITTEE:

PSE&G NUCLEAR LLC
PO BOX 236 – ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING STATION
ARTIFICIAL ISLAND
FOOT OF BUTTONWOOD RD
LOWER ALLOWAYS CREEK, NJ 08038

REPORT RECIPIENT:

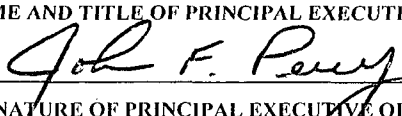
PSE&G
TRAVIS ZIGO
PO BOX 236 / H15
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period ☐ Monitoring Report Comments Attached

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

John F. Perry, Site Vice President – Hope Creek	N/A
	9-24-12
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE
	856-339-3463
	AREA CODE/PHONE NUMBER

**For a local agency where the highest-ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A	N/A	N/A	N/A
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	55.992	59.808	MGD	*****	*****	*****	*****	0	Continuous	meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			Continuous	METER
	QL	*****	*****		*****	*****	*****				
Flow, In Conduit or Thru Treatment Plant 50050 7 Intake From Stream	SAMPLE MEASUREMENT	71.908	73.038	MGD	*****	*****	*****	*****	0	Continuous	meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			Continuous	METER
	QL	*****	*****		*****	*****	*****				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.8	*****	8.8	SU	0	1/week*	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
	QL	*****	*****		*****	*****	*****				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	0	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****			1/Year	COMPOS
	QL	*****	*****		*****	*****	*****				
IC25 Statre 7day Chr Mysid Bahia TBP3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	0	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****			1/Year	COMPOS
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/week	Grab
	PERMIT REQUIREMENT	*****	*****		*****	0.2 01MOAV	0.5 01DAMX			3/Week	GRAB
	RQL	*****	*****		*****	0.1	0.1				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

* Explanation of Conditions

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:


FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	*****	*****		*****	33.2	35.8		0	Continuous	meter
00010 1	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	36.2 01DAMX	DEG.C		Continuous	METER
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Temperature, oC	SAMPLE MEASUREMENT	*****	*****		*****	30.3	31.5		0	Continuous	meter
00010 7	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	METER
Intake From Stream	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	4.4	4.4		0	1/Month	Grab
00680 1	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	-0.109	-0.109		0	1/Month	calctd
00680 2	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	CALCTD
Effluent Net Value	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	3.5	3.5		0	1/Month	Grab
00680 7	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
Intake From Stream	QL	*****	*****		*****	*****	*****				
Sulfate, Total (as SO4)	SAMPLE MEASUREMENT	*****	*****		*****	1040000	1040000		0	1/6 Months	Comp 24
00945 1	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMP24
Effluent Gross Value	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:


FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Boron, Total (as B) 01022 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	1590	1590	UG/L	0	1/6 Months	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	QL	*****	*****	*****	*****	*****	*****	UG/L			
Heat (summer) (per Hr.) 81386 1 Effluent Gross Value	SAMPLE MEASUREMENT	103	174	*****	*****	*****	*****	*****	0	1/Day	calctd
	PERMIT REQUIREMENT	REPORT 01MOAV	534 01DAMX	MBTU/HR	*****	*****	*****	*****		1/Day	CALCTD
	QL	*****	*****	*****	*****	*****	*****	*****			
Copper, Total Recoverable 01119 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.10	4.10	UG/L	0	1/6 months	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	RQL	*****	*****	*****	*****	2	2	UG/L			
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	PA 166	06005	*****	03036	PA010	17451	*****			
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #	*****	REPORT Lab #	REPORT Lab #	REPORT Lab #	*****		Not Applic	NOT AP
	QL	*****	*****	*****	*****	*****	*****	*****			

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New Jersey Department of Environmental Protection
Division of Water Quality
Surface Water Discharge Monitoring Report Submittal Form

PI 46815

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Month	Day	Year												
8	1	2012												
Month	Day	Year												
8	31	2012												

PERMITTEE:

PSE&G NUCLEAR LLC
PO BOX 236 – ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING STATION
ARTIFICIAL ISLAND
FOOT OF BUTTONWOOD RD
LOWER ALLOWAYS CREEK, NJ 08038

REPORT RECIPIENT:

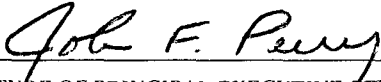
PSE&G
TRAVIS ZIGO
PO BOX 236 / H15
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period ☐ Monitoring Report Comments Attached

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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John F. Perry, Site Vice President – Hope Creek	N/A
	9-24-12
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A	N/A	N/A	N/A
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461C DSN 461C - DSW interna

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.022	0.050		*****	*****	*****		0	Continuous	meter
50050 1	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		Continuous	METER
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		*****	22	22		0	1/month	Compos
00530 1	PERMIT REQUIREMENT	*****	*****	*****	*****	30 01MOAV	100 01DAMX	MG/L		1/Month	COMPOS
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Petrol Hydrocarbons, Total Recoverable	SAMPLE MEASUREMENT	*****	*****		*****	45	45		0	7/month	Grab
45501 1	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	7	7		0	1/month	Compos
00680 1	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	COMPOS
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	PA166	06005		03036	PA010	17451				
99999 99	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
Lab	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46815

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD							MONITORED LOCATION:	
NJ0025411	Month 8	Day 1	Year 2012	To	Month 8	Day 31	Year 2012	462B - DSN 462B - DSW Internal	

PERMITTEE:

PSE&G NUCLEAR LLC
PO BOX 236 – ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING STATION
ARTIFICIAL ISLAND
FOOT OF BUTTONWOOD RD
LOWER ALLOWAYS CREEK, NJ 08038

REPORT RECIPIENT:

PSE&G
TRAVIS ZIGO
PO BOX 236 / H15
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

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John F. Perry, Site Vice President – Hope Creek

N/A

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR

DATE

AREA CODE/PHONE NUMBER

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N/A

N/A

N/A

N/A

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B DSN 462B - DSW Interna

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.021	0.044	MGD	*****	*****	*****	*****	0	Continuous	Meter
50050 1	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			Continuous	METER
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	*****	*****	*****	*****	315	315	MG/L	0	1/month	Compos
00310 G	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	COMPOS
Raw Sew/influent	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	1	1	KG/DAY	*****	8	8	MG/L	0	1/month	Compos
00310 1	PERMIT REQUIREMENT	8 01MOAV	REPORT 01WKAV		*****	30 01MOAV	45 01WKAV			1/Month	COMPOS
Effluent Gross Value	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	*****	*****	*****	97.4	*****	*****	PERCENT	0	1/month	Calcd
00310 K	PERMIT REQUIREMENT	*****	*****		87.5 01MOAVMN	*****	*****			1/Month	CALCTD
Percent Removal	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****	*****	370	370	MG/L	0	1/month	Compos
00530 G	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	COMPOS
Raw Sew/influent	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****	*****	12	12	MG/L	0	1/month	Compos
00530 1	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	45 01WKAV			1/Month	COMPOS
Effluent Gross Value	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B DSN 462B - DSW Interna

8/1/2012 TO 8/31/2012

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total	SAMPLE MEASUREMENT	*****	*****		97	97	*****		0	1/Month	Calc'd
Suspended											
00530 K											
Percent Removal	PERMIT REQUIREMENT	*****	*****	*****	85 01MOAVMN	REPORT 01MOAV	*****	PERCENT		1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Oil and Grease	SAMPLE MEASUREMENT	*****	*****		*****	45	45		0	1/Month	Grab
00556 1											
Effluent Gross Value											
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Nitrogen, Ammonia	SAMPLE MEASUREMENT	*****	*****		*****	12	12		0	1/Month	Compos
Total (as N)											
00610 1											
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	35 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Enterococci	SAMPLE MEASUREMENT	*****	*****		*****	<10	<10		0	1/Month	Grab
61211 1											
Effluent Gross Value											
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOGE	REPORT 01WKGE	#/100ML		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Coliform, Fecal	SAMPLE MEASUREMENT	*****	*****		*****	<10	<10		0	1/Month	Grab
General											
74055 1											
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	200 01MOGE	400 01WKGE	#/100ML		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	17451	PA166		06005						
99999 99											
Lab											
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

New Jersey Department of Environmental Protection
Division of Water Quality
Consolidated Waste Characterization Report Submittal Form

PI 46815

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0025411	Month	Day	Year	To	Month	Day	Year	462B - DSN 462B - DSW I
	7	1	2012		12	31	2012	

PERMITTEE:

PSE&G NUCLEAR LLC
PO BOX 236 – ALLOWAY CREEK NE
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING
STATION
ARTIFICIAL ISLAND
FOOT OF BUTTONWOOD RD
LOWER ALLOWAYS CREEK, NJ
08038

REPORT RECIPIENT:

PSE&G
TRAVIS ZIGO
PO BOX 236 / H15
HANCOCKS BRIDGE, NJ 08038


REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period ☐ Monitoring Report Comments Attached

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

John F. Perry, Site Vice President – Hope Creek
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, OR
AUTHORIZED AGENT


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR
AUTHORIZED AGENT

N/A
GRADE AND REGISTRY NUMBER (IF APPLICABLE)

9-24-12
DATE(MONTH/DAY /YEAR)

856-339-3463
AREA CODE/TELEPHONE NUMBER

**For a local agency where the highest-ranking operator does not have the ability to authorize capital expenditures and hire personnel a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A
NAME AND TITLE

N/A
DATE

N/A
SIGNATURE

N/A
AREA CODE/PHONE NUMBER

Consolidated Waste Characterization Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 462B DSN 462B - DSW Intern MONITORING PERIOD: 7/1/2012 TO 12/31/2012 FACILITY NAME: HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT: 08 08 2012

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Cyanide, Total (as CN) 00720 Effluent Gross Value	RQL = 40	420.0	UG/L		GRAB
Nickel, Total Recoverable 01074 Effluent Gross Value	RQL = 10	3.70	UG/L		GRAB
Zinc, Total Recoverable 01094 Effluent Gross Value	RQL = 10	139	UG/L		GRAB
Cadmium, Total Recoverable 01113 Effluent Gross Value	RQL = 4	0.111	UG/L		GRAB
Chromium, Total Recoverable 01118 Effluent Gross Value	RQL = 10	0.232	UG/L		GRAB
Copper, Total Recoverable 01119 Effluent Gross Value	RQL = 2	49.2	UG/L		GRAB
Lab Certification # 99999 Lab	PA166				NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP
Lab Certification # 99999 Lab					NOT AP

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