

AUG 15 2013



HCH-2013-047

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7011 3500 0000 5084 6185

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
NJPDES PERMIT NJ0025411**

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of July 2013.

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, appearing to read "Eric Carr", written over a horizontal line.

Eric Carr
Site Vice President – Hope Creek
(acting)

IE25
NPR

HCH-2013-047
NJPDES DMR

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AUG 15 2013

Attachments

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

AUG 15 2013

HCH-2013-047
NJPDES DMR

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EXPLANATION OF CONDITIONS

July 2013

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 requirements.

DSN 461A effluent temperature is "monitor only" on July 19 and 20, 2013 in accordance with NJPDES permit NJ0025411 Part IV, section G.10 (a), which states "Given a coincident occurrence of a wet bulb temperature that exceeds 76 degrees Fahrenheit and a relative humidity below 60 percent during a given day for a period equal to or greater than 60 minutes, or during a heat wave which is defined as two consecutive days with ambient temperatures exceeding 90 degrees Fahrenheit for at least one hour each day, the daily maximum temperature limit does not apply and monitoring only is required." Wilmington meteorological data is used on July 20, 2013 for dry bulb, wet bulb and dew point temperatures and relative humidity. Supporting data is supplied in this package in accordance with Part IV, section G.10 (b).

AUG 15 2013

HCH-2013-047
NJPDES DMR

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EXPLANATION OF EXCEEDANCES

July 2013

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

DSN No.

EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

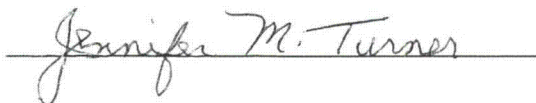
I, Eric Carr, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Site Vice President (acting)-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.



Eric Carr
Site Vice President – Hope Creek
(acting)

Sworn and subscribed before me
this 15th day of August, 2013.



JENNIFER M. TURNER
ID # 2332657
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 8/8/2015

July 19, 2013

Cooling Tower Blowdown
DSN-461A
Supplemental Temperature Information

NJPDES Permit NJ0025411

7/19/13	CTBD Flow (gpm)	River Temp. (F)	CTBD Temp (F)	Delta T (F)	MBTU's/Hr	Dry Bulb Temp (F)	Dew Point Temp (F)	Wet Bulb Temp (F)	Rel Humid (%)
1:00	39573	85.2	98.8	13.6	205	83.03	78.90	80.1	78.7
2:00	38869	85.7	96.7	11.0	159	82.21	78.88	79.9	82.4
3:00	38980	85.8	96.3	10.5	146	81.55	79.17	79.8	86.4
4:00	39374	85.8	96.4	10.6	149	81.25	79.51	80.0	88.2
5:00	39278	85.7	97.2	11.6	168	81.12	79.44	79.9	87.5
6:00	38072	85.5	97.3	11.7	170	80.74	79.30	79.7	87.4
7:00	37799	84.6	97.6	13.0	190	80.70	79.41	79.8	87.6
8:00	40067	84.3	97.7	13.4	210	81.89	79.46	80.0	83.3
9:00	41931	85.3	97.7	12.4	197	84.35	78.81	80.2	75.9
10:00	40137	86.3	97.6	11.3	170	86.51	79.00	81.0	72.3
11:00	38434	86.1	97.7	11.6	164	88.26	79.40	81.7	69.9
12:00	38933	86.0	98.7	12.6	189	89.90	78.79	81.7	65.1
13:00	38911	86.0	99.3	13.3	198	90.85	78.30	81.6	61.8
14:00	38854	86.3	100.2	13.9	208	91.68	77.32	81.2	58.3
15:00	38716	86.9	100.0	13.1	196	91.87	77.09	81.1	57.3
16:00	38874	86.9	99.9	13.0	200	91.99	77.76	81.5	57.3
17:00	39534	86.8	99.9	13.1	204	91.35	78.11	81.6	57.9
18:00	38650	87.7	99.9	12.2	179	90.87	76.30	80.5	54.5
19:00	38169	87.0	100.4	13.3	199	89.47	77.48	80.8	61.2
20:00	44396	87.2	99.8	12.5	212	87.67	77.73	80.5	64.9
21:00	51446	86.8	100.0	13.2	264	86.78	77.97	80.4	68.1
22:00	56210	86.1	100.2	14.1	319	85.89	78.27	80.4	70.5
23:00	56016	85.8	99.1	13.3	287	84.65	78.15	80.0	71.2
24:00	48038	86.9	97.7	10.8	180	83.35	77.10	78.9	71.9

Shaded area are values during time of coincident occurrence of wet bulb temperature exceeding 76 deg. F and a relative humidity below 60%.
Supporting data supplied in accordance with Part IV, section G.10(a)

July 20, 2013

Cooling Tower Blowdown
DSN-461A
Supplemental Temperature Information

NJPDES Permit NJ0025411

7/20/13	CTBD Flow (gpm)	River Temp. (F)	CTBD Temp (F)	Delta T (F)	MBTU's/Hr	Dry Bulb Temp (F)	Dew Point Temp (F)	Wet Bulb Temp (F)	Rel Humid (%)
1:00	38581	85.5	95.7	10.3	145	81.60	74.07	76.1	78.0
2:00	38399	85.4	94.0	8.6	109	80.48	73.30	75.3	78.8
3:00	38052	85.7	94.4	8.7	103	78.97	73.31	74.9	82.8
4:00	37802	86.0	95.3	9.3	122	78.04	73.61	74.8	86.3
5:00	38416	86.0	95.0	8.9	120	77.88	73.02	74.4	85.0
6:00	38162	86.1	95.6	9.5	120	77.28	72.91	74.1	86.4
7:00	37404	85.9	95.8	9.8	131	77.35	73.25	74.4	87.2
8:00	37005	85.2	95.8	10.6	141	78.98	74.56	75.7	86.4
9:00	38185	85.0	97.3	12.2	177	80.96	75.82	77.2	84.4
10:00	40075	86.2	98.1	11.9	179	83.20	76.15	78.0	79.4
11:00	38661	87.0	97.6	10.6	153	84.19	76.18	78.2	77.0
12:00	37527	86.7	97.8	11.1	156	87.79	77.84	80.3	72.5
13:00	37966	86.4	98.3	11.8	167	88.89	78.18	80.8	70.8
14:00	37941	86.6	99.0	12.4	176	90.38	79.25	81.9	70.0
15:00	37599	86.7	99.9	13.2	189	91.02	80.18	82.7	70.7
16:00	39237	87.1	101.1	14.0	219	91.42	80.21	82.8	69.9
17:00	38190	86.9	101.5	14.6	223	91.92	79.85	82.7	68.0
18:00	39165	86.9	100.7	13.9	211	92.53	79.27	82.4	65.5
19:00	38151	87.4	99.5	12.2	168	91.58	79.06	82.0	67.0
20:00	38799	87.1	98.8	11.7	173	88.32	77.90	80.4	71.4
21:00	43135	86.8	99.2	12.3	215	86.92	77.94	80.1	74.8
22:00	51474	86.4	94.9	8.5	147	85.20	76.98	79.0	76.5
23:00	59229	86.1	94.5	8.4	168	80.67	73.41	75.4	78.6
24:00	57096	85.8	96.7	10.8	224	78.42	72.77	74.3	82.8

Dry bulb, wet bulb and dew point temperatures and relative humidity data points are from Wilmington. Shaded area is to denote time of ambient temperature exceeding 90 deg. F. Reference Part IV, sect. G.10 (a,b)

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	Month	Day	Year	To	Month	Day	Year
	7	1	2013		7	31	2013
461A – DSN 461A – DSW							

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:

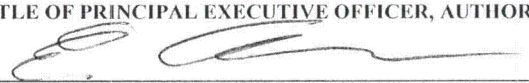
PSE&G
TRAVIS ZIGO
PO BOX 236 / H15
HANCOCKS BRIDGE, NJ 08038

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.

Eric Carr, Site Vice President (acting) – Hope Creek	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	8/15/13 856-339-1620
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

461A DSN 461A - DSW

7/1/2013 TO 7/31/2013

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	60.552	70.456	MGD	*****	*****	*****	*****	Ø	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
Flow, In Conduit or Thru Treatment Plant 50050 7 Intake From Stream	SAMPLE MEASUREMENT	72.249	76.303	MGD	*****	*****	*****	*****	Ø	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	8.5	*****	8.6	SU	Ø	1/week*	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX				
	QL	*****	*****		*****	*****	*****				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	Ø	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****				
	QL	*****	*****		*****	*****	*****				
IC25 Statre 7day Chr Mysid Bahia TBP3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	Ø	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****				
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	40.1	40.1	MG/L	Ø	3/week	Grab
	PERMIT REQUIREMENT	*****	*****		*****	0.2 01MOAV	0.5 01DAMX				
	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.

* See Explanations of Conditions

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

7/1/2013 TO 7/31/2013

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	34.3	37.0*	DEG.C	Ø	Continuous	Meter
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	36.2 01DAMX			Continuous	METER
	QL	*****	*****		*****	*****	*****				
Temperature, oC 00010 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	*****	30.2	31.8	DEG.C	Ø	Continuous	Meter
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			Continuous	METER
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	1.99	1.99	MG/L	Ø	1/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC) 00680 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.25	0.25	MG/L	Ø	1/month	Calctd
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC) 00680 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	*****	1.35	1.35	MG/L	Ø	1/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Sulfate, Total (as SO4) 00945 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	UG/L	Ø	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/6 Months	COMP24
	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.

* See Explanation of Conditions for this value.

Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

7/1/2013 TO 7/31/2013

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	*****	*****	*****	*****	Code=N	Code=N	UG/L	Ø	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/6 Months	COMPOS
	QL	*****	*****		*****	*****	*****				
Heat (summer) (per Hr.) 81386 1 Effluent Gross Value	SAMPLE MEASUREMENT	155	235	MBTU/HR	*****	*****	*****	*****	Ø	1/day	Calctd
	PERMIT REQUIREMENT	REPORT 01MOAV	534 01DAMX		*****	*****	*****			1/Day	CALCTD
	QL	*****	*****		*****	*****	*****				
Copper, Total Recoverable 01119 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	UG/L	Ø	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/6 Months	COMPOS
	RQL	*****	*****		*****	2	2				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010				
	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

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;">7</td><td style="text-align: center;">1</td><td style="text-align: center;">2013</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;">7</td><td style="text-align: center;">31</td><td style="text-align: center;">2013</td></tr></table>	Month	Day	Year	7	1	2013	Month	Day	Year	7	31	2013	461C - DSN 461C - DSW internal
Month	Day	Year												
7	1	2013												
Month	Day	Year												
7	31	2013												

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
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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

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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.

Eric Carr, Site Vice President (acting) – Hope Creek

N/A

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

GRADE AND REGISTRY NUMBER (IF APPLICABLE)



8/15/13

856-339-1620

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

7/1/2013 TO 7/31/2013

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	0.043	0.100	MGD	*****	*****	*****	*****	Ø	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			Continuous	METER
	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	4	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	100 01DAMX			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Petrol Hydrocarbons, Total Recoverable 45501 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	5	MG/L	Ø	3/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX			2/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010				
	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
Surface Water Discharge Monitoring Report Submittal Form

PI 46815

NJPDES PERMIT	MONITORING PERIOD				MONITORED LOCATION:			
NJ0025411	Month 7	Day 1	Year 2013	To	Month 7	Day 31	Year 2013	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

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.

Eric Carr, Site Vice President (acting) – Hope Creek	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	8/15/13 856-339-1620
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

462B DSN 462B - DSW Intern

7/1/2013 TO 7/31/2013

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	0.072	0.038	MGD	*****	*****	*****	*****	Ø	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			Continuous	METER
	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC) 00310 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****	*****	*****	409	409	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC) 00310 1 Effluent Gross Value	SAMPLE MEASUREMENT	<1	<1	KG/DAY	*****	6	6	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	8 01MOAV	REPORT 01WKAV		*****	30 01MOAV	45 01WKAV			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC) 00310 K Percent Removal	SAMPLE MEASUREMENT	*****	*****	*****	98.6	*****	*****	PERCENT	Ø	1/month	Calctd
	PERMIT REQUIREMENT	*****	*****		87.5 01MOAVMN	*****	*****			1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended 00530 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****	*****	*****	325	325	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	4	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	45 01WKAV			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				

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Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B DSN 462B - DSW Interna

7/1/2013 TO 7/31/2013

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended 00530 K Percent Removal	SAMPLE MEASUREMENT	*****	*****	*****	99	99	*****	PERCENT	Ø	1/month	Calctd
	PERMIT REQUIREMENT	*****	*****		85 01MOAVMN	REPORT 01MOAV	*****			1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Oil and Grease 00556 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<5	<5	MG/L	Ø	1/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX			1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	24	24	MG/L	Ø	1/month	Compos
	PERMIT REQUIREMENT	*****	*****		*****	35 01MOAV	REPORT 01DAMX			1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Enterococci 61211 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<10	<10	#/100ML	Ø	1/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOGE	REPORT 01WKGE			1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Coliform, Fecal General 74055 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<10	<10	#/100ML	Ø	1/month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	200 01MOGE	400 01WKGE			1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010				
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****				

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