AUG 1 5 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

Eric Carr Site Vice President – Hope Creek (acting)

95-2168 REV. 7/99

Attachments

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

AUG 1 5 2013

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).

EXPLANATION OF EXCEEDANCES

July 2013

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

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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 15^{+h} day of August, 2013.

JENNIFER M. TURNER ID # 2332567 NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/8/2015

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Cooling Tower Blowdown DSN-461A Supplemental Temperature Information

		River							Rel
	CTBD Flow	Temp.	CTBD			Dry Bulb	Dew Point	Wet Bulb	Humid
7/19/13	(gpm)	(F)	Temp (F)	Delta T (F)	MBTU's/Hr	Temp (F)	Temp (F)	Temp (F)	(%)
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	0.08	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 occurance 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)

NJPDES Permit NJ0025411

Cooling Tower Blowdown DSN-461A Supplemental Temperature Information

		River							Rel	
	CTBD Flow	Temp.	CTBD			Dry Bulb	Dew Point	Wet Bulb	Humid	
7/20/13	(gpm)	(F)	Temp (F)	Delta T (F)	MBTU's/Hr	Temp (F)	Temp (F)	Temp (F)	(%)	
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

MONITORED LOCATION: NJPDES PERMIT MONITORING PERIOD Year Month Dav Month Day Year 461A - DSN 461A - DSW NJ0025411 To 2013 7 31 2013 7 1 **PERMITTEE: REPORT RECIPIENT: LOCATION OF ACTIVITY:** PSE&G NUCLEAR LLC HOPE CREEK GENERATING STATION PSE&G ARTIFICIAL ISLAND TRAVIS ZIGO PO BOX 236 - ALLOWAY CREEK NECK RD FOOT OF BUTTONWOOD RD PO BOX 236 / H15 HANCOCKS BRIDGE, NJ 08038 HANCOCKS BRIDGE, NJ 08038 LOWER ALLOWAYS CREEK, NJ 08038 **REGION / COUNTY: Southern / Salem County** No Discharge this Monitoring Period Monitoring Report Comments Attached **CHECK IF APPLICABLE:** 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 REGIS	TRY NUMBER (IF APPLICABLE)
e cen	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 expenditure	s and hire personnel, a p	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

PI 46815

PERMIT NUMBER:	MON	IITORED LOCA	TION:	MONITOR	ING PERIOD:	FACILITY N	AME:				
NJ0025411	461A	DSN 461A - D	SW	7/1/2013 T	O 7/31/2013	HOPE CREE	EK GENERATI	NG STAT	ION		
PARAMETER	$\mathbf{\nabla}$	QUANTITY	OR LOADING	UNITS	QUAL	ITY OR CONCENT	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	60.552	70,456		****	*****	*****		ø	CONTINUOUS	Metere
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		Continuous	METER
	QL	****	*****	-	****	****	*****	a an againm			
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	72.249	76.303	-	*****	****	*****		ø	Continuous	Meter
50050 7 Intake From Stream	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		Continuous	METER
	QL	*****	*****		*****	*****	*****	-			
pH	SAMPLE MEASUREMENT	****	*****		8.5	****	8.6		ø	Wweek	Grab
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
	QL	*****	*****		*****	*****	*****				
LC50 Statre 96hr Acu Mysid Bahia	SAMPLE MEASUREMENT	*****	*****		Code=N	****	*****		Ø	Code=N	Code = N
TAN3E 1 Effluent Gross Value	PERMIT	*****	******	*****	REPORT 01RPMN	*****	*****	%EFFL		1/Year	COMPOS
	QL	*****	*****		*****	*****	*****				
IC25 Statre 7day Chr Mysid Bahia	SAMPLE MEASUREMENT	*****	*****		Code=N	****	*****		ø	Code=~	cade=N
TBP3E 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01RPMN	*****	*****	%EFFL		1/Year	COMPOS
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	*****	*****		****	40.1	20.1		ø	3/week	GRab
*CPOX 1 Effluent Gross Value	PERMIT	*****	*****	*****	*****	0.2 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
	RQL	*****	*****		*****	0.1	0.1			and the second state	

PERMIT NUMBER:	MONIT	ORED LOCA	TION:	MONITORI	NG PERIOD:	FACILITY	VAME:				
NJ0025411	461A D	SN 461A - DS	W	7/1/2013 TC	0 7/31/2013	HOPE CRE	EK GENERATIN	NG STATI	ON		
PARAMETER	$\mathbf{\mathbf{X}}$	QUANTITY (DR LOADING	UNITS	QUAL	ITY OR CONCENT	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	*****	****		*****	34.3	37.0*		ø	CONTINUOUS	Meter
00010 1 Effluent Gross Value	PERMIT	*****	*****	*****	*****	REPORT 01MOAV	36.2 01DAMX	DEG.C		Continuous	METER
	QL	*****	*****		*****	*****	*****	a Granda			
Temperature, oC	SAMPLE MEASUREMENT	*****	*****		*****	30.2	31.8		¢	CONTINUOUS	Meter
00010 7 Intake From Stream	PERMIT REQUIREMENT	******	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	METER
AMMURATING AN AL	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic TOC)	SAMPLE MEASUREMENT	*****	*****		*****	1.99	1,99		ø	Ymowth	Grah
00680 1 Effluent Gross Value	PERMIT	******	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	****		*****	0.25	0.25		¢	Vmonth	Calctd
00680 2 Effluent Net Value		*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	****	*****		*****	1.35	1.35		ø	YMONTH	Grab
00680 7 Intake From Stream		*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Sulfate, Total (as SO4)	SAMPLE MEASUREMENT	*****	*****		*****	Code=N	Code=N		ø	Code=N	Code=N
00945 1 Effluent Gross Value		*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMP24
Effluent Gross Value	QL	*****	*****		*****	*****	*****			The States	

PERMIT NUMBER:	MON	TORED LOCA	TION:	MONITOR	ING PERIOD:	FACILITY N	AME:				
NJ0025411	461A	DSN 461A - D	sw	7/1/2013 T	0 7/31/2013	HOPE CRE	EK GENERATIN	IG STAT	ION		
PARAMETER	$\mathbf{\mathbf{X}}$	QUANTITY	OR LOADING	UNITS	QUAL	ITY OR CONCENT	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Boron, Total (as B)	SAMPLE MEASUREMENT	*****	*****		*****	Code=N	Code=N		Ø	Code=N	Code=N
01022 1 Effluent Gross Value	PERMIT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	QL	*****	*****		*****	*****	*****	n e mai m			
Heat (summer) per Hr.)	SAMPLE MEASUREMENT	155	235		*****	*****	*****		ø	1/day	Calctd
81386 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	534 01DAMX	MBTU/HR	*****	*****	*****	******		1/Day	CALCTD
iliantelli jär 👔 äk	QL	*****	*****		*****	*****	*****	1			
Copper, Fotal Recoverable	SAMPLE MEASUREMENT	*****	*****		*****	Code=N	Code=N		ø	Code=N	Code=N
01119 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	******	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	RQL	*****	*****		*****	2	2				
_ab Certification #	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PAOIO				
99999 99 Lab	PERMIT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****				

New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	N	AONITORING	PERIOD		MON	ITORF	ED LOCATION:
NJ0025411	Month Day 7 1	Year 2013 To	Month 7	DayYear312013	461C - DSN	461C	- DSW internal
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CRI HANCOCKS BRIDGE, NJ 0803		LOCATION HOPE CREEK (ARTIFICIAL IS FOOT OF BUTT LOWER ALLO	GENERATIN LAND FONWOOD	NG STATION	REPORT PSE&G TRAVIS ZI PO BOX 23 HANCOCK	GO 6 / H15	<u>PIENT:</u> GE, NJ 08038
	REGIO	DN / COUNTY: So	uthern / Sal	em County			
CHECK IF APPLICABLE	No Discha	rge this Monitorin	g Period	Monitor	ing Report Comments	Attached	d
the certification. Where the hig responsibility or person designal another entity to operate the tree I certify under penalty of law the that, based on my inquiry of the complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The Eric Carr, Si	ted by that person atment works, the l at I have personall ose individuals imme e are significant po	shall also sign the highest-ranking of ly examined and ar nediately responsi enalties for submit Pollution Control	second cert ficial of the n familiar w ble for obtai tting false ir Act provides	ification at the contracted entrithethethethethethethethethethethethethet	bottom of this page. ity shall sign the certif ation submitted in this mation, I believe that t cluding the possibility	If the loc ication. docume he inform of and/o	al agency has contracted with nt and all attachments, and nation is true, accurate and
NAME AND TITLE OF PRINCIPAL		·····		CENSED OPER	ATOR GRADE AN	D REGIS	TRY NUMBER (IF APPLICABLE)
e e					F/15	113	856-339-1620
SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFICER, AU	THORIZED AGENT,	OR *LICENS	ED OPERATOR	DATE		AREA CODE/PHONE NUMBER
*For a local agency where the high person designated by that person : I certify under penalty of law and i	shall sign the followi	ng certification:					person having that responsibility or
	in accordance with N			evieweu inc all	č	ų ,	
N/A NAME AND TITLE		SIGNATURE	N/A			<u>\</u>	N/A
MARIE AND TITLE		SIGNATURE			DATE		ANEA CODE/FHOME NUMBER

PI 46815

Surface Water	A CONTRACTOR OF A CONTRACTOR O	ITORED LOCA			NG PERIOD:	FACILITY N	AME				PI 4681
NJ0025411		DSN 461C - D			O 7/31/2013			G STAT	ION		
PARAMETER	$\mathbf{\mathbf{X}}$	QUANTITY	OR LOADING	UNITS	QUAL	ITY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0 043	0.100		*****	*****	*****		Ø	Continuous	Meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	******		Continuous	METER
	QL	****	*****		*****	*****	*****	-			
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		*****	4	4		Ø	month	Compos
00530 1 Effluent Gross Value	PERMIT	*****	*****	*****	*****	30 01MOAV	100 01DAMX	MG/L		1/Month	COMPOS
and the second second	QL	*****	*****		*****	*****	*****				
Petrol Hydrocarbons, Total Recoverable	SAMPLE MEASUREMENT	*****	****		***	3	5		ø	3/mowth	GRab
45501 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	******	*****	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
	QL	*****	*****		*****	***	*****		派派		
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****		***	2	2		Ø	Inowth	Compos
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	******	*****	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	*****	*****		General States		
Lab Certification #	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PAOIO				
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	1			120月12日	STATE OF

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 7	Day 1	Year 2013	То	Month 7	Day 31	Year 2013	462B -	DSN 462	2B -	- DSW Internal			
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CR HANCOCKS BRIDGE, NJ 0803		RD	HOPE CI ARTIFIC FOOT OI	REEK C IAL IS F BUTT	OF ACT GENERAT LAND CONWOOI WAYS CR	ING ST D RD	ATION	PS TR PO	EPORT RE E&G AVIS ZIGO BOX 236 / H NCOCKS BR	15				
	1	REGIO	N / COUN'	TY: So	uthern / Sa	alem Co	ounty							
CHECK IF APPLICABLE	: No	Dischar	ge this Mo	nitorin	g Period	n I	Aonitorin	g Report Co	mments Atta	ched	[
the certification. where the my			UT UDUS HUI		ne admity	to autilo	nize capita	n capenunu	res and mie p	CISUI	mer, a person navnig that			
the certification. Where the hig responsibility or person designa another entity to operate the tree I certify under penalty of law the that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The Eric Carr, Si	ated by that j eatment work hat I have pe ose individu re are signifi New Jersey	person s ks, the h ersonally als imm icant pe water F	shall also si ighest-rank ediately re nalties for Pollution C	ign the cing off and an sponsil submit ontrol 4	second ce ficial of the n familiar ole for obta ting false Act provid	rtification e contration with the aining the information	on at the b cted entity e informat he informa tion, inclu	ottom of thi y shall sign ion submitte ation, I belie iding the po	s page. If the the certification ed in this docu- we that the in ssibility of an	loca on. imen forma id/or	al agency has contracted with at and all attachments, and ation is true, accurate and			
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Surface Water	Discharg	je womton	пу керог	L.				1			PI 4681
PERMIT NUMBER:	MON	ITORED LOCAT	TION:	MONITOR	RING PERIOD:	FACILITY N	AME:				
NJ0025411	462B	DSN 462B - DS	SW Interna	7/1/2013 7	O 7/31/2013	HOPE CREI	EK GENERATI	NG STAT	ON		
PARAMETER	\searrow	QUANTITY C	DR LOADING	UNITS	QUALI	TY OR CONCENT	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.072	0.038		*****	*****	*****		ø	Continuos	Meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	*****	*****	******		Continuous	METER
	QL	*****	*****		*****	****	*****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	****	*****		*****	409	409		ø	Ymowth	Compos
00310 G Raw Sew/influent	PERMIT REQUIREMENT	*****	*****	******	****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	*****	4	*****	*****	****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	<)	4		*****	6	6		Ø	1/mon-th	Compos
00310 1 Effluent Gross Value	PERMIT REQUIREMENT	8 01MOAV	REPORT 01WKAV	KG/DAY	****	30 01MOAV	45 01WKAV	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	****	*****		98.6	*****	****		Ø	Vmonth	Calctd
00310 K Percent Removal	PERMIT REQUIREMENT	*****	*****	******	87.5 01MOAVMN	*****	*****	PERCENT		1/Month	CALCTD
	QL	*****	*****		*****	*****	****		1		
Solids, Total Suspended	SAMPLE MEASUREMENT	***	*****		****	325	325		ø	1/mowth	Compos
00530 G Raw Sew/influent	PERMIT REQUIREMENT	*****	******	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	****	*****		用語語		
Solids, Total Suspended	SAMPLE MEASUREMENT	****	*****		*****	6-[4		ø	1/month	Compos
00530_1 Effluent Gross Value	PERMIT REQUIREMENT	***	*****	******	*****	30 01MOAV	45 01WKAV	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	*****	*****	8	Salaria Participante Participante		机查试会+17**

Surface Water	Discharg	le Monito	ring Repo	rt							PI 4681
PERMIT NUMBER:	MON	ITORED LOCA	ATION:	MONITOR	ING PERIOD:	FACILITY	VAME:				
NJ0025411	462B	DSN 462B - D	SW Interna	7/1/2013 T	O 7/31/2013	HOPE CRE	EK GENERATI	NG STATI	ION		
PARAMETER	\square	QUANTITY	OR LOADING	UNITS	QUAI	ITY OR CONCENT	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended	SAMPLE MEASUREMENT	****	*****		99	99	*****		ø	Ymowth	Calctd
00530 K Percent Removal	PERMIT REQUIREMENT	*****	******	****	85 01MOAVMN	REPORT 01MOAV	*****	PERCENT		1/Month	CALCTD
	QL	*****	*****		*****	*****	*****		1443	- 300	
Oil and Grease	SAMPLE MEASUREMENT	****	*****		****	45	45		Ø	1/month	GRab
00556 1 Effluent Gross Value	PERMIT REQUIREMENT	******	******	***	******	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	****	*****		No.		
Nitrogen, Ammonia Total (as N)	SAMPLE MEASUREMENT	****	*****		****	24	24		ø	1/month	Compos
00610 1 Effluent Gross Value	PERMIT REQUIREMENT	******	******	****	*****	35 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
	QL	****	*****		*****	*****	*****				
Enterococci	SAMPLE MEASUREMENT	*****	*****		****	< 10	410		ø	1/month	GRab
61211 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	******	*****	******	REPORT 01MOGE	REPORT 01WKGE	#/100ML		1/Month	GRAB
and the second state of the se	QL	*****	*****		*****	*****	****				and the second
Coliform, Fecal General	SAMPLE MEASUREMENT	****	*****		*****	410	<10		ø	1/month	GRab
74055 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	******	*****	******	200 01MOGE	400 01WKGE	#/100ML		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	[745]	PA166		06005	03036	PAOIO				
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****		- Aller		