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Document Control Desk USNRC Docket Numbers 50-272&50-311 Washington, DC 20555

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT SALEM GENERATING STATION NJPDES PERMIT NJ0005622

Dear Sir:

Attached is a copy of the Discharge Monitoring Report for the Salem Generating Station for the month of July 2017. The original report has been submitted to the NJDEP via electronic DMR.

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 Jenny Shelton (856) 339-1138.

Sincerely,

Charles V. Mcfeaters

Site Vice President - Salem

Attachment (12 DMR's)

C Executive Director, DRBC

IE 45 NRR

EXPLANATION OF CONDITIONS

July 2017

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 DMR Instruction Manual and specific guidance from DEP personnel.

ATTACHMENT: None

EXPLANATION OF EXCEEDANCES

July 2017

The following exceedance(s) are included in the attached report and explained below.

EXPLANATION None

COUNTY OF SALEM STATE OF NEW JERSEY

- I, Charles V. Mcfeaters, of full age, being duly sworn according to law, upon my oath depose and say:
- 1. I am the Site Vice President Salem for PSEG Nuclear, and as such am authorized to sign Salem'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.

Charles V. Mcfeaters Site Vice President – Salem



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACA SW Outfall FACA - 07/01/2017 - 07/31/2017

Permittee:

PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

NJ0005622

Monitoring Period: Monitored Location: 07/01/2017 To 07/31/2017

FACA SW Outfall FACA

Monitored Location Group:

Region / County:

Southern / Salem

No Discharge This Monitoring Period Check if Applicable:

may be referred to the Office of Permit Management at (609)984-4428.

Monitoring Report Comments:

Y	
L	
Please refer all permit related questions regard	ding this monitoring report form to your permit writer. Your permit writer's name
and telephone number can be found on the co	ver letter of your permit. Questions about the electronic submission of this report



Shell Generation Date: 7/1

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACA SW Outfall FACA - 07/01/2017 - 07/31/2017

Parameter		Quantity or Loading		Units	Quality or Concentration			Units		Frequency of Analysis	Sample Type
Temperature, oC	Sample Measurement	****	1,000		#9##4 1	28.2	30.1		0	Continuous	CONTIN
00010 G Raw Sew/influent	Permit Requirement	*****	*****	****	******	REPORT 0	REPORT 01DAMX	DEGIC		Continuous	CONTIN
Femperature,	QL Sample	41324	****		*****	35.9	37.8		0	Continuous	CONTIN
00010 1 Effluent Gross Value	Measurement Permit Regulrement		****		*****	REPORT 01MOAV	46:1 01DAMX	DEG.C		Continuous	CONTIN
Temperature,	QL Sample	*****	44-14-		*****	7.7	7.7	- 10		1	
oC .	Measurement						l		0	Day	CALCTD
00010 2 Effluent Net Value	Permit Requirement QL	*****	\$4444 44444	*****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		1/Day	CALCTD
ab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT AP
99999 99 .ab	Pormit Regulrement	REPORT Lab#	REPORT		REPORT Lab#	REPORT Lab#	REPORT Lab#			Not Applic	NOT AP
	QL	*****	****		*****	*****	*****		S 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.5	10.5



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACB SW Outfall FACB - 07/01/2017 - 07/31/2017

Permittee: PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD

Report Recipient: PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

NJ0005622

Monitoring Period:

07/01/2017 To 07/31/2017 FACB SW Outfall FACB

Monitored Location: Monitored Location Group:

Southern / Salem

Check if Applicable:

Region / County:

No Discharge This Monitoring Period

Monitoring Report Comments:

PI: 46814

Shell Generation Date:

7/1/2017



State of New Jersey Department of Environmental Protection

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACB SW Outfall FACB - 07/01/2017 - 07/31/2017

Parameter		Quantity or Loading		Units	Qualit	Units	No Ex.	Frequency of Analysis			
Temperature, oC	Sample Measurement	****	#\$###		*****	28.2	30.1		0	Continuous	CONTIN
00010 G Raw Sew/influent	Permit Requirement QL	*****	******	****** *******************************	*******	REPORT 01MOAV *****	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC	Sample Measurement	*****	*****		4**4*	36.1	37.9		0	Continuous	CONTIN
00010 1 Effluent Gross Value	Permit Requirement QL	*****	***** ******	****	*****	REPORT 01MOAV	46:1 01DAMX	DEG.C.	19 Pet 10	Cantinuous	CONTIN
Temperature, oC	Sample Measurement	**************************************	****		*****	7.8	7.9		0	1 Day	CALCTD
00010 2 Effluent Net Value	Permit Requirement QL	, #Wasu	*****	******	49544 45545	REPORT 01MOAV	15.3 -01DAMX	DEG(C)		i1/Day	CALCTO
Lab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT AP
99999 99 Lab	Permit Requirement QL	REPORT Lab #	REPORT Lab#		REPORT Lab#	REPORT Lab#	REPORT Lab#			Not Applic	NOT AP



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACC SW Outfall FACC - 07/01/2017 - 07/31/2017

Permittee: PSE&G NUCLEA

PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Monitoring Period:

NJ0005622 07/01/2017 To 07/31/2017 FACC SW Outfall FACC

may be referred to the Office of Permit Management at (609)984-4428.

Monitored Location:
Monitored Location Group:

Region / County:

Southern / Salem

Check if Applicable:

No Discharge This Monitoring Period

Monitoring Report Comments:

Please refer all permit related questions regarding this monitoring report and telephone number can be found on the cover letter of your permit. G	· ·



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - FACC SW Outfall FACC - 07/01/2017 - 07/31/2017

Parameter		Loading	Units	Qualit	y or Concent	ration	Units	No Ex.	Frequency of Analysis		
Flow, In Conduit or Thru Treatment Plant	Sample Measurement	2853	2856		avsav	*****	*****		0	1 Day	CALCTD
50050 G Raw Sew/influent	Permit Requirement QL	3024 01MOAV	REPORT 01DAMX 114444	MGD	##### ######	*****	**************************************	*****		1/Day	CALCTD
Thermal Discharge Million BTUs per Hr	Sample Measurement	14479	14575		26766	14+47	\$44.54		0	1 Day	CALCTD
00015 2 Effluent Net Value	Permit Requirement QL	REPORT 01MOAV	30600 01DAMX	MBTU/HR	\$44.4mg	*****	\$3.646.5	*****	1919 1919 1919	1/Day	OALCTD
Lab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT AP
99999 99 Lab	Permit Requirement OL	REPORT Lab#	REPORT Lab#		REPORT Lab#	REPORT Lab#	REPORT Lab#			Not Applie	NOT AP



Shell Generation Date: 7/2

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 048C SW Outfall 48C - 07/01/2017 - 07/31/2017

Permittee:

PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Monitoring Period:

Monitoring Period: Monitored Location: 07/01/2017 To 07/31/2017

048C SW Outfall 48C

Monitored Location Group:

Region / County:

Southern / Salem

NJ0005622

Check if Applicable:

No Discharge This Monitoring Period

Monitoring Report Comments:

-	
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Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 048C SW Outfall 48C - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	y or Concent	ration	Units	No Ex.	Frequency of Analysis	Sample Type
Flow, In Conduit or Fhru Treatment Plant	Sample Measurement	0.2871	0.4783		44874	*****	****		0	1 Day	CALCTD
0050 1 Iffluent Gross Value	Permit Requirement	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	******	*****	##### #* - 1		1/Day	CALCTD
Solids, Total Suspended	Sample Measurement	· · · · · · · · · · · · · · · · · · ·	*****		*****	12	15		0	2 Month	COMPOS
0530 1 Effluent Gross Value	Permit Requirement	44649	****	****	vives	OE VAOM10	100 01DAMX	MG/L		2/Month	COMPOS
Nitrogen, Ammonia Fotal (as N)	Sample Measurement	*****	*****		4***** 4*****	16	16		0	2 Month	COMPOS
00610 1 Effluent Gross Value	Permit Requirement	****	*****	*****	*****	35 01MOAV	70 01DAMX	MG/L		2/Month	COMPOS
Petroleum Hydrocarbons	QL Sample Measurement	44494	*****		*****	******* <5	<5		0	2 Month	GRAB
00551 1 Effluent Gross Value	Permit Requirement QL	*****	*****		*4+6* \$+1.6*\$	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
Carbon, Tot Organic	Sample Measurement	*1***	*****		h+ka+	5	9		0	2 Month	COMPOS
00680 1 Effluent Gross Value	Permit Regulrement	*****	44644	*****	*****	REPORT.	50 01DAMX	MG/L	U	2/Manth	COMPOS
	QL	47007	00000		\$44.644 DAOS4	*****	*****				
ab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT AP
99999 99 Lab	Permit Requirement	- »REPORT Lab#	REPORT Lab#		REPORT Lab#	REPORT Lab#	RÉPORT Lab#			Not Applic	NOT AF
	QL.	****	#****		+****		*****		1.0		



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 481A SW Outfall 481A - 07/01/2017 - 07/31/2017

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PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

NJ0005622

Monitoring Period: Monitored Location: 07/01/2017 To 07/31/2017

481A SW Outfall 481A

Monitored Location Group:

Region / County:

Southern / Salem

Check if Applicable:

No Discharge This Monitoring Period

Monitoring Report Comments:



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 481A SW Outfall 481A - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	ly or Concentr	ration	Units	No Ex.	Frequency of Analysis	Sample Type
low, In Conduit or hru Treatment Plant	Sample Measurement	509	509		*****	4414	*****		0	1 Day	CALCTD
0050 1 Iffluent Gross Value	Permit Requirement QL	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	A4544	98449 28 - 29 884491			1/Day	CALCTO
H	Sample Measurement	411.01	*****		7.4	*****	7.6		0	1 Week	GRAB
0400 1 iffluent Gross Value	Parmiti Requirement OL	*****	*****	****	6.0 01DAMN	774711	9.0 01DAMX	รบ		1/Week	GRAB
Н	Sample Measurement		****	1.	7.4		7.9		0	1 Week	GRAB
0400 7 ntake From Stream	Permit Requirement QL	11111	*****	*****	REPORT 01DAMN	81574	REPORT 01DAMX	SU		1/Week	GRAB
C50 Statre 96hr Acu Cyprinodon TAN6A 1	Sample Measurement	*****	94144	COL	E=N Not Req	14441	*****	%EFFL	0	2 Year	COMPOS
Effluent Gross Value	Regulrement AL	******			01DAMN 60	,ase1,5	993.099	MLITE.		2/Year	COMPOS
Chlorine Produced Oxidants	Sample Measurement	*****			**************************************	E=N Not Req		A SERVICE OF THE SERV	0	3 Week	GRAB
CPOX 1 Effluent Gross Value	Permit Regulrement QL	*****	*****	- """	40344	0.3 01MDAV	0,5 01DAMX	MG/L		3/Week	GRAB
Chlorine Produced Oxidants	Sample Measurement	ekree	*****			<0.1	<0.1		0	3 Week	GRAB
*CPOX 1 Effluent Gross Value	Pernit Requirement QL	1944-			11144	REPORT 01MOAV	01DAMX	MG/L		3/Week	GRAB
Temperature,	Sample Measurement	*****	*****		11114	35.8	38.4		0	1 Day	CONTIN
00010 1 Effluent Gross Value	Permit Requirement	*****	44444		****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
Lab Certification #	QL Sample	17327	06003		PA051	NY158					моти
99999 99 Lab	Measurement Permit Requirement	REPORT Lab#	REPORT Labil	112	REPORT Labil	REPORT	REPORT Láb#		0	Not Applic	NOT A
	QL	401.00	44444	1	*****	*****	*****	1		110(11)////////	1,000



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 482A SW Outfall 482A - 07/01/2017 - 07/31/2017

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PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient: PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Monitoring Period:

07/01/2017 To 07/31/2017 482A SW Outfall 482A

Monitored Location: Monitored Location Group:

Region / County:

Southern / Salem

NJ0005622

Check if Applicable:

No Discharge This Monitoring Period

Monitoring Report Comments:

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- 1				
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- 1				
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PI: 46814 Shell Generation Date: 7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 482A SW Outfall 482A - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	y or Concentr	ration	Units	No Ex.	Frequency of Analysis	
low, In Conduit or hru Treatment Plant	Sample Measurement	481	482		****		11.11		0	1 Day	CALCTD
0050 1	Permit' 1	REPORT	REPORT	MGD	*****	2004	7****	AAPAA .	1521 200		
Iffluent Gross Value	Requirement QL	01MOAV	01DAMX		*****		1,016.17			1/Day	CALCTO
Н	Sample	*****	******** = = = = = = = = = = = = = = =		7.5	37.64	7,7		**************************************	1	
	Measurement						_		0	Week	GRAB
0400 1	Permit	*****	*****	*****	6.0	****	0.0	su		1 1 1	
Illuent Gross Value	Regulrement QL	*****	*****		01DAMN	******	01DAMX			1/Week	GRAB
Н	Sample	45.43	*****		7.4	A***A3	7.9			1	190 (1900) 1972 (1946)
	Measurement					2.2.2. Land A 5.2. Land 4.3.			0	Week	GRAB
0400 7	Permit	*****	****	*****	REPORT	****	REPORT 01DAMX	SU ;	1.00	100/2011	GRAB
ntake From Stream	Requirement OL	*****	*****		01DAMN	834499	OTDAMX		1 2 2	1/Week	GIVAB
C50 Statre 96hr Acu	Sample	*****	****			****	44***			2	
Cyprinodon TAN6A 1 Effluent Gross Value	Measurement			2.64 CM 33 m C x 37 3 65 5 m m	E=N Not Req				00	Year	COMPOS
	Permit	*****	*****		REPORT 01DAMN			%EFFL		2/Year	COMPOS
	Requirement AL	3/4443	*****		50	*****	*****			Zi i Gai	COMECC
Chlorine Produced	Sample	****								3	
Oxidants	Measurement				COL	E=N Not Req		uired	0	Week	GRAB
CPOX 1	Permit	*****	****	****	44***	0.3	0.5	MG/L,			
Effluent Gross Value	Requirement	2 2 2 2 2 2 2 2		1	*****	01MOAV	OLDAMX			3/Week	GRAB
	/ COL,	*****		1							
Chlorine Produced	Sample					<0.1	<0.1	100	1	3 Week	GRAB
Oxidants CPOX 1	Measurement Permit	4488	43-54		44444	REPORT	0:2	MG/L	0	week	GRAB
Effluent Gross Value	Requirement	100	1,00			01MOAV	01DAMX	3000		3/Week	GRAB
2	QL	42444	*****	"]	*****	*****					
Temperature,	Sample	*****	14001	3,97		36.1	38.6			1	
oC .	Measurement						l		0	Day	CONTIN
00010 1	Permit	****	44.44		*****	REPORT	REPORT	DEG.C	1		
Effluent Gross Value	Requirement					01MOAV	DIDAMX			1/Day	CONTIN
	i∉ QL	*****	20000		2000	2 saista 1 /	*****	-			
ab Certification #	Sample	17327	06003		PA051	NY158	1				
	Measurement	REPORT	REPORT		REPORT	REPORT	REPORT	- (**********	0	Not Applic	NOT A
99999 99 Lab	Permit Regulrement		Lab #	4	Lab#	Lab#	Lab#			Not Applic	NOT A
-au	Requirement	L.ED.#	LaD II	-1	1.80 10	PALAPA	144412	4	" 	Mor Abbile	THO I AL



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 483A SW Outfall 483A - 07/01/2017 - 07/31/2017

Permittee: PSE&G NUCLEAR LLC 80 PARK PLAZA	
NEWARK, NJ 07101	
Location of Activity: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD	Report Recipient: PSEG NUCLEAR LLC PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038	HANCOCKS BRIDGE, NJ 08038
NJPDES Permit Number: Monitoring Period: Monitored Location: Monitored Location Group: Region / County: NJ0005622 07/01/2017 To 07/31/20 483A SW Outfall 483A Southern / Salem	
Check if Applicable: \(\sum_{\subset}\) No Discharge This Monitoring	ng Period
Monitoring Report Comments:	



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 483A SW Outfall 483A - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Quali	ty or Concenti	ration	Units	No Ex.	Frequency of Analysis	Sample Type
low, In Conduit or	Sample	486	487		*****	*****	*****			1	
Thru Treatment Plant	Measurement.								0	Day	CALCTD
50050 1	Permit	REPORT	REPORT	MGD	*****	*****	*****	*****			
Effluent Gross Value	Requirement QL	01MOAV	01DAMX	100	*****	*****	13.511.5		100	:1/Day	CALCID
Ho-	Sample		****	Account of the Control	7.4	****	7.7	-		1	
J11	Measurement		5.4		7.4		1.1		0	Week	GRAB
00400 1	Permit	****	*****	****	6,0	*****	9.0	ยบ	7. T.		F 12 5 1 1 1
Effluent Gross Value	Requirement		1.0		01DAMN		01DAMX			// I/Week	GRAB
	QL	*****	LAPAR		*****		453.54	10 (0) (0) (0)		1 7 2 4 1	
oH H	Sample	*****	*****		7.4	*****	7.9			1 1	
	Measurement	200		*****					0	Week	GRAB
00400 7	Permit	*****	*****	****	REPORT	*****	REPORT	SU			Aman
Intake From Stream	Requirement QL	*****	*****		01DAMN	******	01DAMX			1/Week	GRAB
Chlorine Produced	Sample	*****	*****		*****					3	385 M.O. E.S. A.
Oxidants	Measurement				l coi	DE=N Not Rea	E=N Not Rea	ulred	0	Week	GRAB
*CPOX 1	Permit	*****	*****	****	+16+1	0.3	0.5	MG/L			1
Effluent Gross Value	Requirement					01MOAV;	01DAMX		(a)	3/Week	GRAB
1	OL.	*****	*****			*****	443,44				1000
Chlorine Produced	Sample	****	*****			<0.1	<0.1	7. XX		3	
Oxidants	Measurement								00	Week	GRAB
*CPOX 1	Permit	*****	*****	*****	*****	REPORT	0.2	MG/L		1	
Effluent Gross Value	Regultement	3.36-17-1	Sil.	4.00		- 01MOAV	01DAMX			3/Week	GRAB
2	où 🕖	3.7 Sec. 1991	*****		.4	*****	******	40.304			
Temperature,	Sample	****	A++++	12.00	****	35.8	38.3	63, 4, 3		1	
оС	Measurement		4.7						00	Day	CONTIN
00010 1	Permit	*****	*****			REPORT	REPORT	DEGIC			
Effluent Gross Value	Requirement	200				VAOMIO	01DAMX			1/Day	CONTIN
	QĽ	£44474	*****	1.12	*****	- ,*****	*****		19		-
Lab Certification #	Sample	17327	06003		PA051	NY158					
	Measurement		·			<u> </u>			0	Not Applic	NOT AF
99999 99	Përmit.	REPORT	REPORT		REPORT	REPORT	REPORT	1			
Lab	Requirement	l.ab#	Lab#	4, 52.0	Lab#	Lab#	Lab#			Not Applic	NOT A
	QL.	*****		100	*****	*****	*4****	1	15772777		u Tara



Shell Generation Date: 7/1/2017

PI: 46814

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 484A SW Outfall 484A - 07/01/2017 - 07/31/2017

Permittee:
PSE&G NUCLEAR LLC
80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:
PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Manitarina Dariad

Monitoring Period:

07/01/2017 To 07/31/2017

Monitored Location: 484A SW Outfall 484A

Monitored Location Group:

Region / County:

Southern / Salem

NJ0005622

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments:



Shell Generation Date: 7/1/2017

PI: 46814

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 484A SW Outfall 484A - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	y or Concenti	ation	Units	No Ex.	Frequency of Analysis	Sample Type
low, in Conduit or hru Treatment Plant	Sample Measurement	512	518		173.1		100		0	1 Day	CALCTD
:0050 1 Effluent Gross Value	Permit Requirement QL	REPORT 01MOAV	REPORT 01DAMX	MGD	, m.,		inn -		22.	1/Day	CALCTD
H	Sample Measurement	5.,,,,,,	14176		7.5	11111	7.6		0	1 Week	GRAB
0400 1 Effluent Gross Value	Permit Réquirement QL		 	,,,,,	6.0 U1DAMN	*****	0.0 01DAMX	80	<u> </u>	-t/Week	GRAB
H	Sample Measurement	*****	*****		7.4	7,000	7.9		0	1 Week	GRAB
0400 7 ntake From Stream	Permit Reguliementi QL	(1974)	111111	***	REPORT 01DAMN		REPORT 01DAMX	SU		1/Week	GRAB
C50 Statre 96hr Acu Syprinodon AN6A 1 Iffluent Gross Value	Sample Measurement Permit Regulrement	1144 2	ALIES	,,,,,	DE=N Not Req REPORT 01DAMN	ired:		WEFFL.	0	2 Year 2/Year	COMPO
Chlorine Produced Oxidants	Sample Measurement	****	***		 GO	E=N Not Req		1200	0	3 Week	GRAB
CPOX 1 Effluent Gross Value	Parinti Requirement OL	201003	******		0.00	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Chlorine Produced Oxidants	Sample Measurement	11111	*****			<0.1	<0.1		0	3 Week	GRAB
CPOX 1 Effluent Gross Value	Permit Requirement OL	14111	*****		* 100.00	REPORT 01MOAV	0/2 01DAMX	MG/L		J/Week	GRAB
Temperalure, DC	Sample Measurement	****	*****		,,,,,,	36.1	38.7		0	1 Day	CONTI
00010 1 Effluent Gross Value	Permit Requirement	nen.	111111		****	REPORT 01MQAV	REPORT 01DAMX	DEG.C		1/Day	CONTI
ab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT A
19999 99 Lab	.Permit Requirement	REPORT Labil	REPORT		REPORT Lab#	REPORT Lab #	REPORT -			Not Applic	NOT:A
1	a OL	1,144.	4,,,,,,,		lation	1,000	101.17				



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 485A SW Outfall 485A - 07/01/2017 - 07/31/2017

<u>Permittee:</u>	
PSE&G NÜCLEAR	LLC

80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

: NJ0005622

Monitoring Period: Monitored Location:

07/01/2017 To 07/31/2017 485A SW Outfall 485A

Monitored Location Group:

Region / County:

Southern / Salem

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments:



Shell Generation Date: 7/1/2017

PI: 46814

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 485A SW Outfall 485A - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	v or Concenti	ration	Units	No Ex.	Frequency of Analysis	Sample Type
low, In Conduit or	Sample	495	496	2.5	2 2 11111	11111		500000	}	1	
hru Treatment Plant	Measurement								0	Day	CALCTD
0050 1	Permit .	REPORT	REPORT	MGD.	10001		*****	inn'			
ffluent Gross Value	Requirement	01MOAV	01DAMX		111111					1/Day	, CALCTD
	QL .	21.11			100000000000000000000000000000000000000						
Н	Sample	•	••••		7.4		7.6		0	1 Week	GRAB
0400.4	Measurement Permit	144.61	*****	*****	6.0	11771	9.0	SU	1	vveek	GRAB
0400 1 ffluent Gross Value	Requirement			300	01DAMN	4.1	01DAMX	90		1/Week	GRAB
macin Cross value	OL OL	******	*****		711,41	367894	41,341		1	17.VCCK	
Н	Sample	1000	www.	34400 870	7.4	77 S 14444 S	7.9		نتقسينة نيافانسسينيقين	1	
	Measurement		100				·		0	Week	GRAB
0400 7	Permit '	*****	*****	11041	REPORT	15174	REPORT	SU	17.0		
itake From Stream	Requirement]	01DAMN		O IDAMX			1/Wdek	GRAB
	QL.	******	*****		*****	*****	*****				7.34.7.00
C50 Statre 96hr Acu	Sample	****		1000	>100	- 2,004	*****		1	2	
Cyprinodon	Measurement	*****	*****			*****	*****	%EFFL	0	Year	COMPOS
AN6A 1 ffluent Gross Value	Permit		""		REPORT 01DAMN		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Welt-I-L		2/Year	COMPOS
muent Gross value	Requirement AL	1,,,,,,	******		50.	*******				2/1/50)	COMEGO
hlorine Produced	Sample	2010	****		*****					3	
Oxidants	Measurement				cor	E≃N NotRed	E=N Not Red	inhad	0	Week	GRAB
CPOX 1	Permit			1	*****	0.3	0.5	MG/L	le die	5 . 787 Sast 3	25.425.560
Effluent Gross Value	Requirement					01MOAV	01DAMX	10072	100	3/Week	GRAB
Indent Gross value	- OI	******	A	1	311,550	~	44,094,		1	DIVIOUR.	GIV.E
Chlorine Produced		12002	16001			<0.1	<0.1	-		3	
Oxidants	Sample					\ 0.1	V 0.1		0	Week	GRAB
CPOX 1	Measurement	*****			-4,414	REPORT	0.2	MG/L	1	VVEEK	GNAD
	Permit					20 Sept. 100 Sep	01DAMX	INIGIL		0.014	GRAB
Effluent Gross Value	Requirement OL	,	.,,,,,	-		01MOAV	1 JUANA	-		3/Week-	GRAD
<u>′</u>		*****		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
l'emperature,	Sample					36.1	38.7	144	è.	1	00117711
oC	Measurement		·		0.000		1 - 2-30-0-1-1-2-3-4-1-2-2-3		0	Day	CONTIN
00010 1	Pormit		1	"""		REPORT	REPORT	DEG.C	Harris Sala		
Effluent Gross Value	Requirement					01MOAV	01DAMX	4		1/Day	CONTIN
	OL.		******								
Lab Certification #	Sample	17327	06003	KIN DIS	PA051	NY158			% }		1
	Measuremen	The state of the s				<u> </u>	<u> </u>	1	00	Not Applic	NOT AF
99999 99	Permit	REPORT	REPORT	1	REPORT	REPORT	REPORT			40 3000 300	ter in the second
Lab	Requirement		"Lab#		Lab #	Lab#	Lab#	1		, Not Applic	NOT AF
	QL		*****		41.444	11411	147343	l i	Karasa .		



PI: 46814 Shell Generation Date:

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 486A SW Outfall 486A - 07/01/2017 - 07/31/2017

Permittee:
PSE&G NUCLEAR LLC
80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

NJ0005622

Monitoring Period:

07/01/2017 To 07/31/2017

Monitored Location: 486A SW Outfall 486A Monitored Location Group:

Southern / Salem

Check if Applicable:

Region / County:

No Discharge This Monitoring Period

Monitoring Report Comments:

		•	
ļ			
1			



PI: 46814 Shell Generation Date: 7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 486A SW Outfall 486A - 07/01/2017 - 07/31/2017

		Loading	Units	Qual	ity or Concen	tration	Units	No Ex.	Frequency	
Sample	132.0	142.6	C. 2. C.	S75 ****	4460	2000	Units Label VAV	EX.	of Analysis	Туре
Measurement Permit	REPORT	REPORT						0	Day	CALCTD
Requirement	01MOAV	01DAMX	MGD	""	,	11111		7.7		
-	Carrier 2007 to 17 cents 2	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				· reside	400	TAKAL STATE		S CALCID
Measurement	502	506			,,,,,				1	
Permit	REPORT	REPORT	MGD	11111	*1154			0	Day	CALCTD
	01MOAV	○ 01DAMX			100	15.4	14.63		v.	
	2 4 5 4 5 4 5 4 5			*****	,4444 4 4	******				CALOTO
			11	7.4	******	7.8	100		1	PROTECTION (1981)
- Permit	91,141	(111)	34434		*****		.	0	Week	GRAB
Requirement				01DAMN			80			4
	2000 900 D600 ; "18900 W.	W. B. W. S.		«·*****	1000	111.11			1/VVeck	GRAB
		***		7.4	****	7.9	P 18		1	
Permit	*****	****	22111	GEDARY:				0	Week	GRAB
Regulrement							SU.	100		
	Donate to the control of the	41.7.4		21.00	aine :	TALLES				GRAB
	*****	*****		*****	<u></u>			<u> </u>		
The state of the s					***************************************	E=N NotReq	ulred	0		GRAB
90 7000000000000		****	*****	194	0.3	0.5	MGAL	8148511825E		33.7
	*****	*****			. 01MOAV	01DAMX	100		3/Week	GRAB:
	*****	*****		med was being the good and	3447.536.2.25686.3635		14, 194			
Measurement					<0.1	<0.1	(a. 91.)		3	
Pomit	11614	*****		*****	DEDODT			0	Week	GRAB
Requirement					2001 S20 S20	ALCOHOLD TO THE PARTY OF THE PA	MG/L			
OL.	*****	41.410		*****	1191197	1944A		1	-	GRAB
Sample	*****	*****		*****	36.0	38.6				
						00.0		0	1 1	
S 100 S 200 S	*****	****		****	REPORT	REPORT	DEG.C.		Day .	CONTIN
	*****		"		DIMOAV	01DAMX			1/15av	CONTIN
_		22 CE1145 C - 52 S - 113	04 N	200 - 4-445 3 33 3	y	******	76.	7: 42.		CONTIN
	1/32/	06003		PA051	NY158			مأرث بينون والمساور		
	REPORT	rundag		- CHARNE				0	Not Applic	NOT AP
200 CA		Control of the second	F 2.00	A Committee of the Comm	20 A	CONT. CAR S. A. S.		0.57		January Contract
OL	11111	41111						5:0007-000-3	Not Applic	*NOT AP
	Requirement QL Sample Measurement Permit Requirement Permit Requirement Permit Requirement Permit Requirement Permit Requirement QL Sample Measurement Requirement QL Sample Measurement Requirement	Requirement OIMOAV OL Sample Measurement Pernit REPORT Requirement OL Sample Measurement Pernit Requirement Pernit Requirement Pernit Requirement Pernit Requirement Pernit Requirement Requir	Requirement Of MOAV OTDAMX OL OTTAMX OL OTTAMX OL OTTAMX OL OTTAMX OL OTTAMX OL OTMOAV OTDAMX OTDAMX OL OTMOAV OTDAMX OL OTMOAV OTDAMX OL OTMOAV OTDAMX OL OTMOAV OL O	Requirement 01MOAV 01DAMX QL 11111	Requirement	Requirement	Requirement	Requirement	Requirement	Requirement OHACAY OTDAMX OTDAM



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 487B SW Outfall 487B - 07/01/2017 - 07/31/2017

Permittee: PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient: PSEG NUCLEAR LLC PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Monitoring Period:

07/01/2017 To 07/31/2017 487B SW Outfall 487B

Monitored Location: Monitored Location Group:

Region / County:

Southern / Salem

NJ0005622

Check if Applicable:	I No Discharge This Monitoring Period									
Monitoring Report	Comments:									



PI: 46814 Shell Generation Date: 7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 487B SW Outfall 487B - 07/01/2017 - 07/31/2017

Parameter		Quantity or	Loading	Units	Qualit	y or Concent	ration	Units	No Ex.	Frequency of Analysis	Sample Type
low, In Conduit or	Sample	0.0093	0.0093		4444	*****	*****	g geogr		1	
hru Treatment Plant	Measurement	Total Control Control							0	Batch	CALCTD
0050 1	Permit	REPORT	REPORT	MGD	****	******	*****	****		1/5	011 075
Effluent Gross Value	Requirement	01MOAV	01DAMX		*****	*****	*****			1/Batch	CALCID
H	Sample	*****	****		6.5	****	6.8		2000 1000 200 1000 1000	1	(AB) - 58/6/ (B
	Measurement				· · ·		0.0		0	Batch	GRAB
00400 1	Permit	4***	*****		- 6.0	****	9.0	SU		3,217	
Effluent Gross Value	Requirement				01DAMN	12.00	01DAMX			1/Batch	GRAB .
	A QLE	*****	*****		******	, was kee	******	1000			
Solids, Total	Sample	*****	****		****	14	21			1 1	00.40
Suspended	Measurement		1100	****	340.44	REPORT	100	MG/L	0	Batch	GRAB
00530 1 Effluent Gross Value	Permit Requirement			*		DIMOAV	100 01DAMX			1/Balch	GRAB
Enioeni Gross value	QL	*****	*****		*****	711/10/54	0.10/2/01/	5		Modell	. s GIVAG
Temperature,	Sample	4444	*****		****	26.6	27.4			1	
oC 00010 1	Measurement		and the				1		0	Batch	GRAB
	Permit	****	AA-A-	""""	*****	REPORT	43.3	DEG,C			
Effluent Gross Value	Requirement				A**A**A	01MOAV	01DAMX:			1/Batch	GRAB.
	QΓ	****	*****			*****	*****				11/10/10/2
Petroleum	Sample	****	*****		*4***	<5	<5			1 1	
Hydrocarbons	Measurement								0	Batch	GRAB
00551 1	Permit	*****	*****	*****	****	REPORT	15	MG/L			
Effluent Gross Value	Requirement			100		01MOAV	OTDAMX	an i		1/Batch	GRAB*
	QL,	44444	*****	200	******	*****	nasava				25.00
Carbon, Tol Organic	Sample	****	*****		*****	6	7			1 1	
(TOC)	Measurement	3.3							00	Batch	GRAB
00680 1	Permil	*****	4444	****	+44.44	REPORT	50	MG/L			
Effluent Gross Value	Requirement	A	60.000,000,000,000			01MOAV	01DAMX	1		1/Belch	GRAB
	QL	*****	*****		*****	******	*****		44 T 100 100 100	1	200 24
Lab Certification #	Sample	17327	06003		PA051	NY158	1	and the second	}	1	ì
	Measurement						<u> </u>		00	Not Applic	NOT AF
99999 99	Permit	REPORT	REPORT		REPORT	REPORT	REPORT		1		
Lab	Requirement	Lab#	Lab#	1	Lab#	l,áb#	: l.ab#	1		Not Applic	. NOT AF
	GL/	*****	*****		*****	*****	*****				



Shell Generation Date:

PI: 46814

7/1/2017

Surface Water Discharge Monitoring Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 489A SW Outfall 489A - 07/01/2017 - 07/31/2017

Permittee: PSE&G NUCLEAR LLC 80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

Monitoring Period:

NJ0005622

07/01/2017 To 07/31/2017 489A SW Outfall 489A

Monitored Location:

Monitored Location Group:

Region / County:

Southern / Salem

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments:



State of New Jersey Department of Environmental Protection Surface Water Discharge Monitoring Report

Pí: 46814

Shell Generation Date:

7/1/2017

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 489A SW Outfall 489A - 07/01/2017 - 07/31/2017

Parameter		Quantity or Loading			Qualit	Units	No Ex.	Frequency of Analysis	Sample Type		
low, In Conduit or Thru Treatment Plant	Sample Measurement	0.0697	0.0697		3*644	4444	w4.4# 4		0	1 Month	CALCTD
0050 1 Effluent Gross Value	Permit Requirement QL	REPORT 01MOAV	REPORT 01DAMX	MGD	#**** ******	## ## · **	*****			1/Month	CALCTD
H	Sample , Measurement	A**A**	*14*1		7.8	*****	7.8		0	1 Month	GRAB
0400 1 Effluent Gross Value	Permit Requirement	*****	*****		6.0 01:DAMN *****	*****	9.0 01DAMX	SU		1/Month	GRAB
Solids, Total Suspended	Sample Measurement	44-44	*****		10	10			0	1 Month	GRAB
00530 1 Effluent Gross Value	Permit Requirement	*****	*****		100 × 01DAMX	30 01MOAV	****	MG/L		1/Month:	GRAB
Petroleum Hydrocarbons	Sample Measurement	*****	*****		1,004.0	****** <5	<5		0	1 Month	GRAB
00551 1 Effluent Gross Value	Permit Requirement	*****	*****	*****	4444	10 01MOAV	15: 01DAMX	MG/L		-1/Month	GRAB
Carbon, Tot Organic TOC)	Sample Measurement	-1-1+	****		1914	<1	<1			1 Month	GRAB
00680 1 Effluent Gross Value	Permit Requirement	*****	1 2 1 24.694	*****		REPORT 01MOAV	50° 01DAMX	MG/L	0	1/Month:	GRAB
·	, QL.	200000	******		*AWAAWA	******	01DAWA			7/10/01/01	GIVAD
ab Certification #	Sample Measurement	17327	06003		PA051	NY158			0	Not Applic	NOT AI
99999 99 Lab	Permit Requirement	REPORT Lab.#	REPORT Lab#		REPORT Lab#	REPORT	REPORT			Not Applic	NOT A
	QĽ	*****	*****		*****	*****	****				



PI: 46814

Shell Generation Date:

1/1/2017

Surface Water Discharge Waste Characterization Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 048C SW Outfall 48C - 02/01/2017 - 07/31/2017

Permittee:
PSE&G NUCLEAR LLC
80 PARK PLAZA

NEWARK, NJ 07101

Location of Activity:

PSEG NUCLEAR LLC SALEM GENERATING STATION

ALLOWAY CREEK NECK RD

Report Recipient: PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number:

NJ0005622

Monitoring Period:

02/01/2017 To 07/31/2017 048C SW Outfall 48C

Monitored Location:
Monitored Location Group:

N/A

Region / County:

Southern / Salem

Check if Applicable: \(\int\) No Discharge This Monitoring Period

Monitoring Report Comments:



State of New Jersey PI: 46814 Shell General Protection

Shell Generation Date: 1/

1/1/2017

Surface Water Discharge Waste Characterization Report

PSEG NUCLEAR LLC SALEM GENERATING STATION - NJ0005622 - 048C SW Outfall 48C - 02/01/2017 - 07/31/2017

Sample Date:	(mm/d)	ld/yy	yy)			Γ.		07/	12/20	17

Parameter	Reported Value	Units	Remark Code	Sample Type
Sulfate, Total (as SO4)	1230000	UG/L		GRAB
00945 1 Effluent Gross Value			S Laboratory test	
		1.74.4		
Boron, Total (as B)	420	UG/L		GRAB
01022 1 Effluent Gross Value	1		S Laboratory test	
Dichlorobromomethane	13.2	UG/L	· · · · · · · · · · · · · · · · · · ·	GRAB
32101 1 Effluent Gross Value	13.2	GOIL.	S Laboratory test	UNAD
22101 1 Elligent Gloss Value			o Easolatory tost	
Bromoform	9.7	UG/L		GRAB
32104 1 Effluent Gross Value			S Laboratory test	
Chloroform	55.1	UG/L	0.1.	GRAB.
32106 1 Effluent Gross Value		*	S Laboratory test	
Acrylonitrile	<4.0	UG/L		GRAB
34215 1 Effluent Gross Value			nalyzed for but not deter	
				100
Chlorodibromomethane		UG/L		GRAB
34306 1 Effluent Gross Value			S Laboratory test	
Lab Certification #	PA051	- 	·	NOT AP
99999 99 Lab	1 7,001			,,,,,,,
00000 00 1140				
Lab Certification #	06003			NOT AP
99999 99 Lab	1			
				
Lab Certification #	17327			NOT AP.
99999 99 Lab				
Lab Certification #	NY158			NOT AP
99999 99 Lab	111.100			
				1
Lab Certification #				NOT AP
99999 99 Lab				