MAY 24 2013

SCH13-024
CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7006 0100 0004 0656 7567



Department of Environmental Protection Division of Water Quality Bureau of Permit Management P.O. Box 029 Trenton, N.J. 08625-0029

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

Dear Sir:

Attached is the Discharge Monitoring Report for the Salem Generating Station for the month of April 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 Mark Pyle (856) 339-2331.

Sincerely,

John Perry

Site Vice President - Salem

Attachment (12 DMR's)

C Executive Director, DRBC USNRC - Docket numbers 50-272 & 50-311

IE25 HPR

EXPLANATION OF CONDITIONS

April 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 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.

EXPLANATION OF EXCEEDANCES

April 2013

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

EXPLANATION No Exceedances

COUNTY OF SALEM STATE OF NEW JERSEY

- I, John Perry, 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.

Site Vice President - Salem

Sworn and subscribed before me

2416 day of May 2013

Deloris D. Hadden Notary Public of New Jersey

My Commission Expires 3/29/2015 ID # 2073649

Surface Water Discharge Monitoring Report Submittal Form

MONITORED LOCATION:

MONITORING PERIOD

NJPDES PERMIT

NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	FACA – SW O	outfall FACA						
PERMITTEE:	LOCATION OF ACTIVITY:	REPORT REC	CIPIENT:						
PSE&G NUCLEAR LLC	PSEG NUCLEAR LLC SALEM	PSEG NUCLEAR							
80 PARK PLAZA	GENERATING STATION	PO BOX 236/N21							
NEWARK, NJ 07101	ARK, NJ 07101 ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08								
	HANCOCKS BRIDGE, NJ 08038								
	REGION / COUNTY: Southern / Salem Co	'ounty							
CHECK IF APPLICABLE		Report Comments Atta	ached						
the certification. Where the his	ghest ranking operator does not have the ability to authorize capital (expenditures and hire	personnel, a person naving that						
responsibility or person design another entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that the	ghest ranking operator does not have the ability to authorize capital of ated by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to	tom of this page. If the shall sign the certification submitted in this docon, I believe that the ining the possibility of a	e local agency has contracted with ion. cument and all attachments, and information is true, accurate and and/or imprisonment, pursuant						
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACA SW Outfall FACA

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

NJ0005622	FAC	A SW Outfall F	ACA 4	/1/2013 T	O 4/30/2013	PSEG NUCL	EAR LLC SALI	EM GEN	ERA	FIN	
PARAMETER		QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	****	. ******		*****	12.4	15.6		0	Continuous	CONTIN
00010 G Raw Sew/influent	PERMIT REQUIREMENT			*****		REPORT (1)	REPORT HOLDAMX	DEG.C		Continuous	CONTIN
Temperature,	SAMPLE MEASUREMENT	*****	71243		*****	19.2	22.4		0	Continuous	CONTIN
00010 1 Effluent Gross Value	PERMITIE REQUIREMENT.	********	(and the second	*****	(A)	REPORT	#43(3 POIDAMX	DEG.C	713	Continuous	CONTIN
Temperature,	SAMPLE MEASUREMENT	*****	*****		The state of the s	6,8	10.0		0	1/Day	CALCTO
oC 00010 2 Effluent Net Value	PERMIT P			****	1800	REPORT	15:3 8:01DAMX	DEG.C		1/Day	COMPANIES CONTROL CONTROL
Lab Certification #	SAMPLE MEASUREMENT	17327	17451		PA 166				12.20		
99999 99 Lab	PERMIT REQUIREMENT	Lab#,	REPORT Lab #		REPORT	REPORT	REPORT			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:					
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	FACB – SW O	utfall FACB				
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038					
	REGION / COUNTY: Southern / Salem	County					
CHECK IF APPLICABLES	No Discharge this Monitoring Period Mo	onitoring Report Comm	ents Attached				
the certification. Where the hig responsibility or person designs another entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that there	ce a person designated by that person. For a local agency, the hig thest ranking operator does not have the ability to authorize capita atted by that person shall also sign the second certification at the boatment works, the highest-ranking official of the contracted entity that I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information are significant penalties for submitting false information, inclu- New Jersey water Pollution Control Act provides for penalties up	I expenditures and hire pottom of this page. If the shall sign the certification submitted in this doction, I believe that the inding the possibility of a	personnel, a person having that be local agency has contracted with on. ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant				
John Perry, Site V	7ice President - Salem		<u>N/A</u>				
NAME AND TITLE OF PRINCIPAL	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO	OR GRADE AND RI 05/24/2013	EGISTRY NUMBER (IF APPLICABLE) 856-339-3463				
SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER				
*For a local agency where the hig person designated by that person	hest vanking operator does not have the ability to authorize capital expensionship the following certification:	nditures and hire personne	l, a person having that responsibility or				
I certify under penalty of law and i	n accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attach	ned discharge monitoring re	eports.				
<u>N/A</u>	N/A	<u>N/A</u>	N/A				
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER				

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACB SW Outfall FACB

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

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PARAMETER		QUANTITY C	OR LOADING	UNITS	QUAL	TY OR CONCENTR	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	****	***		***	12.4	15.6		0	Continuos	CONTIN
00010 G Raw Sew/influent	PERMIT REQUIREMENT	***	****	*****	水水水水水	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
	QL	****	****		****	****	*****				
Temperature, oC	SAMPLE MEASUREMENT	***	****		****	20.7	24.3	DEG.C	0	Continuous	CONTIN
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	QL	Andrea .	****	1	14,77 ******	(1) 日本#### 例(A)	****				
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Lab Certification #	SAMPLE MEASUREMENT	17327	าวฯรเ		PA 166						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	****	***]	****	****	*****				

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

NJPDES PERMIT	MONITORING PERIOD	MONITOI	ED LOCATION:			
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	FACC – SW Ou	tfall FACC			
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038				
	REGION / COUNTY: Southern / Salem C	ounty				
CHECK IF APPLICABLE:	No Discharge this Monitoring Period Mo	onitoring Report Comm	ents Attached			
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John Perry, Site V	/ice President - Salem]	V/A			
NAME AND TITLE OF PRINCIPAL	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	R GRADE AND REG	ISTRY NUMBER (IF APPLICABLE)			
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SIGNATION OF DRINGIPAL EVEC						
SIGNATORE OF FRINCIPAL EXEC	UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER			
*For a local agency where the hig person designated by that person	UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR the tranking operator does not have the ability to authorize capital expend shall sign the following certification: in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attache	ditures and hire personnel,	ı person having that responsibility or			
*For a local agency where the hig person designated by that person	heal-ranking operator does not have the ability to authorize capital expend shall sign the following certification:	ditures and hire personnel,	ı person having that responsibility or			

PERMIT NUMBER: MONITORED LOCATION: MONITORING PERIOD: FACILITY NAME:

N 10005622 FACC SW Outfall FACC 4/1/2013 TO 4/30/2013 PSEG NUCLEAR LI

PSEG NUCLEAR LLC SALEM GENERATIN

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	ARAMETER		QUANTITY (DR.LOADING	UNITS	QUALI	QUALITY OR CONCENTRATION				FREQ. OF ANALYSIS	SAMPLE TYPE
1 1	Conduit or eatment Plant	SAMPLE MEASUREMENT	1752	2500		****	*****	****		0	100y	CALCTO
50050 C	6 w/influent	PERMIT. REQUIREMENT	3024 01MOAV	REPORT 01DAMX	MGD	*****		A STATE OF THE STA	****		1/Day	CALCTD
		i, al	******	*****		*****	******	*******				
	Discharge 3TUs per Hr	SAMPLE MEASUREMENT	9557	13317		*****	*****	*****	1	0	Max	CALCTP
00015 2 Effluent	Net Value	PERMIT REQUIREMENT	REPORT 01MOAV	30600 01DAMX	MBTU/HR	*****	*****		*****		1/Day	CALCTD
	<u></u>	QL	-	A CONTRACTOR OF THE SECOND		A takadas	THE SHAPE OF THE S	F				
Lab Cer	tification #	SAMPLE MEASUREMENT	17327	17481	<u> </u>	PA 166						-
99999 9 Lab	9	PERMIT REQUIREMENT	REPORT Lab #	REPORT		REPORT Lab #	REPORT Lab #	REPORT			Not Applic	NOT AP
		QL A	****	-			Supplemental Control of the Control	Andrew Burn		And the second		

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:							
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	048C – SW Out	fall 48C						
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	PIENT: LC GE, NJ·08038							
	REGION / COUNTY: Southern / Salem (County							
CHECK IF APPLICABLES	No Discharge this Monitoring Period Mon	mitoring Report Comme	nts Attached						
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John Perry, Site V	Vice President - Salem		N/A						
NAME AND TITLE OF PRINCIPAL	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO	OR GRADE AND REG 05/24/2013	GISTRY NUMBER (IF APPLICABLE) 856-339-3463						
SIGNATURE OF PRINCIPAL EXEC	UTIVE 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 i	in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attach-	ed discharge monitoring rep	ports.						
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>						
NAME AND TITLE	SIGNATURE	DATE AREA CODE/PHONE NUM							

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

048C SW Outfall 48C

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1450003022	0400	SW Outlan 40	-	, 1,2010 1	0 4/30/2013	, 020 11002	LAN LLO DAL				
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.2867	0.6690		*****	****	*****		0	1/Day	CALCTP
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD		*****	2 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*****	A	1/Day	CALCTD
	QL	*****	****	1	****	****	****		<u> </u>		
Solids, Total Suspended	SAMPLE MEASUREMENT	****	****		****	8	8		0	2/month	Compos
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	黄条夹条夹条	**************************************	*****	****	30 01MOAV	100 01DAMX	MG/L		2/Month	COMPOS
	QL	****	****		****	***	A. ****				
Nitrogen, Ammonia Total (as N)	SAMPLE MEASUREMENT	****	*****		****	9	12		0	2/Month	COMPOS
00610 1 Effluent Gross Value	PERMIT REQUIREMENT	***	表示的表示	*****	****	35 01MOAV	70 01DAMX	MG/L		2/Month	COMPOS
	QL	****	****		****	*****	*****				
Petroleum Hydrocarbons	SAMPLE MEASUREMENT	*****	****		****	45	45		0	3/manth	GRAB
00551 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	****	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
	QL	*****	*****		*****	****	***	<u> </u>	n panks	9 4 7	1
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	****	****		****	7	8		0	2/Month	Compos
00680 1 Effluent Gross Value	PERMIT. REQUIREMENT	****	***	*****	乔克奇埃奈奈	REPORT 01MOAV	50 01DAMX	MG/L		2/Month	COMPOS
	QL	****	****		****	****	****		t		
Lab Certification #	SAMPLE MEASUREMENT	17327	17451		PAIL						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab#		REPORT Lab #	REPORT Lab#	REPORT Lab #			Not Applic	NOT AP
	QL	*****	****]	*****	*****	AAAAAA (S)				

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4680 or via email at "srosenwi@dep.state.nj.us".

NJPDES PERMIT		MONITORING PERIOD MONITORED LOCATION							
NJ0005622	Month Day Year To Month Day Year 481A - SW Outfall 481A								fall 481A
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101		PSEG NUCLEAR LLC SALEM PGENERATING STATION P							PIENT: .LC GE, NJ 08038
			REG	ION / C	COUNTY:	Souther	rn / Salen	ı County	
CHECK IF APPLICABLE:	No No	Discharge	e this Mo	nitorin	g Period		Monitorin	g Report Comments Atta	ched
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 there to N.J.A.C. 7:14A-6.9(B). The	ted by that atment work at I have po use individu e are signif	person she ks, the highersonally chals immedicant pensonal transfer and the second sec	all also s ghest-ran examined diately re alties for	sign the king of d and an esponsi	second conficial of the familiar ble for obting false	ertification ne contra with the taining to informate	on at the locted entite informathe information, incl	pottom of this page. If the y shall sign the certification submitted in this docuation, I believe that the injuding the possibility of ar	local agency has contracted with on. Innent and all attachments, and formation is true, accurate and ad/or imprisonment, pursuant
John Perry, Site V	ice Preside	nt - Salen	<u>n</u>						N/A
NAME AND TITLE OF PRINCIPAL GOLF,	EXECUTIVE Que	OFFICER,	, AUTHOR	IZED AC	GENT, OR	*LICENSI	ED OPERA	GRADE AND RE 05/24/2013	GISTRY NUMBER (IF APPLICABLE) 856-339-3463
SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFI	CKR, AUTH	ORIZED	AGENT,	OR *LICE	NSED OP	ERATOR	DATE	AREA CODE/PHONE NUMBER
*For a local agency where the hig person designated by that person	hest-ranking shall sign the	/ operator a following	does not h g certificat	ave the tion:	ability to a	uthorize d	apital exp	enditures and hire personnel	, a person having that responsibility or
I certify under penalty of law and i	n accordance	e with N.J.	S.A. 58:1	0A-6F(5	5) that I hav	ze review	ed the atta	ched discharge monitoring re	ports.
N/A					N/A			<u>N/A</u>	N/A
NAME AND TITLE			SIGNATU	JRE				DATE	AREA CODE/PHONE NUMBER

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

481A SW Outfall 481A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1450005022	7017	SW Outlan 40		., 2010 1	0 4/30/2013	. 020002	LAN LLO OAL			• • • •	
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	ורם	449		*****	****	***		0	1/Day	CALCTO
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	****	****	*****	,	1/Day	CALCTD
<u> </u>	QL	***	****		***	***	*****	<u> </u>			į
рН	SAMPLE MEASUREMENT	*****	*****		7.5	*****	8.0		0	1/weele	CAAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	##*##	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	*****	6.0 01DAMN	A A A A A A A A A A A A A A A A A A A	9.0 01DAMX	su	N. J. S.	1/Week	GRAB
	QL	****	8-20 **** * [\$0]			**************************************	10 ************************************		A.T.	7 B	Str. (Lat. will)
Нq	SAMPLE MEASUREMENT	*****	*****		7.7	****	8.3		0	/week	G-RAB
00400 7 Intake From Stream	PERMIT REQUIREMENT	***	****	*****	REPORT 01DAMN	****	REPORT 01DAMX	su		1/Week	GRAB
	QL	大大大大大	***	1	****	***	*****				
LC50 Statre 96hr Acu Cyprinodon	SAMPLE MEASUREMENT	*****	*****		CODE=N	****	****		0	CODEIN	CODE=N
TAN6A 1 Effluent Gross Value	PERMIT REQUIREMENT	****	****	*****	50 01DAMN	****	埃索特斯埃特	%EFFL		2/Year	COMPOS
	QL	*****	*****		****	*****	女女女女女		. '		
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		****	401	(0.1		0	3/week	GRAB
*CPOX 1 Effluent Gross Value	PERMIT. REQUIREMENT	*****	1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	****	****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Option 1	QL	*****	11 11 ** ******		**************************************	*****	*****		1		
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		****	₹0.1	701		0	3 week	G-RAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	治会会会会	****	*****	****	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Option 2	QL	*****	有余余余余		*****	安务务会会 我会完全会			'		

PERMIT NUMBER: MONITORED LOCATION: MONITORING PERIOD: FACILITY NAME:

NJ0005622 481A SW Outfall 481A 4/1/2013 TO 4/30/2013 PSEG NUCLEAR LLC SALEM GENERATIN

PARAM	METER		QUANTITY (OR LOADING	UNITS	QUALIT	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature,	,	SAMPLE MEASUREMENT	*****	*****		*****	ეხ.3	27.0		0	11Day	CONTIN
00010 1 Effluent Gros	ss Value	PERMIT REQUIREMENT	in the same of the	And Andrews (1) The second of	******	******	REPORT 01MOAV	REPORT 01DAMX	DEG.C		c1/Day	CONTIN
Lab Certificat	ation #	SAMPLE MEASUREMENT	17327	17451		PA 166						
99999 9 9 Lab		PERMIT REQUIREMENT	REPORT Lab #	REPORT		REPORT Lab #	REPORT ¿Lab #	REPORT			Not Applic	NOT AP

NJPDES PERMIT	MONITORING PERIOD	MONITO	ORED LOCATION:
NJ0005622	[]	ar 13 482A – SW Ou	tfall 482A
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	REPORT REC PSEG NUCLEAR PO BOX 236/N21 HANCOCKS BRIE	LLC
	REGION / COUNTY: Southern / S	alem County	
CHECK IF APPLICABLE	: No Discharge this Monitoring Period Moni	toring Report Comments Atta	nched
the certification. Where the his responsibility or person designs another entity to operate the tree. I certify under penalty of law to that, based on my inquiry of the complete. I am aware that the	these ranking operator does not have the ability to authorize the difference of the second certification at atment works, the highest-ranking official of the contracted that I have personally examined and am familiar with the infose individuals immediately responsible for obtaining the irre are significant penalties for submitting false information. New Jersey water Pollution Control Act provides for penaltical to the second section of the contraction.	capital expenditures and hire pathe bottom of this page. If the entity shall sign the certification remation submitted in this doc formation, I believe that the inincluding the possibility of a	personnel, a person having that e local agency has contracted with on. ument and all attachments, and aformation is true, accurate and ad/or imprisonment, pursuant
John Perry, Site	/ice President - Salem		N/A
SIGNATURE OF PRINCIPAL EXEC	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OF UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERA*		AREA CODE/PHONE NUMBER
person designated by that person	hes franking operator does not have the ability to authorize capital shall sign the following certification:		
	in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed th	-	
NAME AND TITLE	N/A SIGNATURE	N/A	N/A
CONTRACTOR STREET	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfail 482A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1450005022	70271	OV Outlan 402	•		0 4/30/2013		LAN LLO OAL			• • • •	
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTR	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	210	440		****	****	****		0	110m	CALCTO
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	***	****	*****		1/Day	CALCTD
	QL	*****	*****		****	****	****		l <u>.</u> .		
рН	SAMPLE MEASUREMENT	****	****		7.6	****	8.3		0	lweek	CRAS
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	****	*******	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
	QL	****	*****		*****	***	*****				
рН	SAMPLE MEASUREMENT	****	*****		7.7	*****	8.3		0	1 meek	GRAB
00400 7 Intake From Stream	PERMIT REQUIREMENT	**********	********	*****	REPORT 01DAMN	****	REPORT 01DAMX	su		1/Week	GRAB
	QL	****	***		****	****	*****	Ì		. "	
LC50 Statre 96hr Acu Cyprinodon	SAMPLE MEASUREMENT	****	****		CODE = N	*****	***		0	CODE=N	CODE=N
TAN6A 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	***	*****	50 01DAMN	*****) ***	%EFFL		2/Year	сомроѕ
	QL	***	****	<u> </u>	****	*****	10°, \$44\$64	<u> </u>	13.3		
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	*****	*****		****	10.1	₹0.1		0	3/week	GRAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	****	****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Option 1	QL	****	*****	<u> </u>	****	****	****				
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	*****	*****		****	40.1	< 0.1		0	3/week	GRAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	****	****	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Option 2	QL		****		****	The state of the s	- 5 ₆ 6. ******				

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTR	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	*****	*****		****	19.2	23.3		0	1/Day	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	******	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
2	QL	********	*****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	17321	17451		PA 166					,	
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab #		REPORT Lab#	REPORT Lab#	REPORT Lab#			Not Applic	NOT AP
	AL QL	*****	*****		*****		*****				

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:					
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	483A – SW Out	fall 483A				
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	REPORT RECI PSEG NUCLEAR L PO BOX 236/N21 HANCOCKS BRIDG	LC					
	REGION / COUNTY: Southern / Salem C	·					
CHECK IF APPLICABLE	No Discharge this Monitoring Period Mon	nitoring Report Comme	nts Attached				
responsibility or person designary another entity to operate the tree I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The	thest ranking operator does not have the ability to authorize capital ited by that person shall also sign the second certification at the bot atment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informatione are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up	ttom of this page. If the shall sign the certification submitted in this docution, I believe that the infling the possibility of an to \$50,000 per violation.	local agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant				
	/ice President - Salem		N/A				
John F. Per	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO	05/24/2013	GISTRY NUMBER (IF APPLICABLE) 856-339-3463				
SIGNATURE OF PRINCIPAL EXEC	UPIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER				
*For a local agency where the hig person designated by that person	host-ranking operator does not have the ability to authorize capital expenshall sign the following certification:	nditures and hire personnel.	a person having that responsibility or				
I certify under penalty of law and	in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attache	ed discharge monitoring rep	ports.				
N/A	<u>N/A</u>	<u>N/A</u>	N/A				
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER				

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

NJOOD	5622	483A	SW Outfall 48	3A 4	/1/2013 T	O 4/30/2013	PSEG NUCL	EAR LLC SAL	EM GEN	ERA1	ſIN	
P	ARAMETER	X	QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTR	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
	Conduit or eatment Plant	SAMPLE MEASUREMENT	218	449		****	****	*****		0	You	CALCTO
50050 1 Effluent	Gross Value	PERMIT REQUIREMENT	REPORT. 01MOAV	REPORT 01DAMX	MGD	******	Application of the control of the co	****	*****		1/Day	CALGTD
pH	· 	SAMPLE		The state of the s	<u> </u>	harman kan para da	The state of the s	The state of the s		500	<u>Propagos</u> V	
		MEASUREMENT	*****	*****]	7.4	****	8,5		0	/week	GRAB
00400 1 Effluent	Gross Value	PERMIT: REQUIREMENT		· · · · · · · · · · · · · · · · · · ·	*****	6.0 01DAMN		9.0 XMADIO	su	第133 第135 第135 第135 第135 第135 第135 第135	1/Week	GRAB
		ا الله الله	*****	4 44 44 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1	******	and and a	Harris Company		1		
На		SAMPLE MEASUREMENT	. *****	*****		7.7	****	8.3		0	Week	GRAIS
00400 7 Intake F	rom Stream	PERMIT REQUIREMENT	The second secon	*****	*****	REPORT 01DAMN	***************************************	REPORT 01DAMX	su		1/Week	GRAB
		# QIL	****	海内提供收		A STATE OF THE STA	ANNAMA	A STATE OF THE STA		19 T		
Chlorine Oxidant	Produced S	SAMPLE MEASUREMENT	*****	*****		*****	20.1	20.1		0	3/week	GRAB
*CPOX Effluent	1 Gross Value	PERMIT REQUIREMENT	in the second se	埃安安安	*****	· · · · · · · · · · · · · · · · · · ·	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB.
Option '	1	QL	****	*******	<u> </u>	****	**************************************	WANGE .		1-64		The second second
Chlorine Oxidant	e Produced is	SAMPLE MEASUREMENT	*****	*****		****	20.1	1.07		0	3/week	GRAB
*CPOX Effluent	1 Gross Value	PERMIT 6		والملاد المراجع والمحارث والمستناء والمستناء والمستناء	*****	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Option	 	QL.	The second of the	****		是一种。 1000年,1000年	10000	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		133.6		
Temper oC	ature,	SAMPLE MEASUREMEN	7 *****	*****		*****	18.5	23.3		0	1 Day	CONTIN
00010 1 Effluent	t Gross Value	PERMIT REQUIREMENT	And the second s		****** ******	*******	REPORT 01MOAV	REPORT 01DAMX	DEG.C	74.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75	1/Day	CONTIN
L	 	QL	****	The same of the sa		1.63	The state of the s	**	2			

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

PARAMETER		QUANTITY	OR LOADING	UNITS	UNITS QUALITY OR CONCENTRATION				NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Lab Certification #	SAMPLE MEASUREMENT	17327	17451		PA 166						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #		,	Not Applic	NOT AP
	. QL	****	****	7	****	****	****				

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

	MONITORING PERIOD	ONITORING PERIOD MONITORED LOCATION:								
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	484A – SW Out	fall 484A							
PERMITTEE:	LOCATION OF ACTIVITY:	REPORT RECI	DIFNT.							
PSE&G NUCLEAR LLC										
80 PARK PLAZA	GENERATING STATION	PO BOX 236/N21								
NEWARK, NJ 07101	ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	HANCOCKS BRIDG	GE, NJ 08038							
	DECION / COUNTY, South and / Salam	Country								
CHECK IF APPLICABLE	REGION / COUNTY: Southern / Salem No Discharge this Monitoring Period Monitoring	County g Report Comments Attac	hed							
responsibility or person designate another entity to operate the tree I certify under penalty of law the	shest ranking operator does not have the ability to authorize capital ted by that person shall also sign the second certification at the beatment works, the highest-ranking official of the contracted entity nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informatic are significant penalties for submitting false information, inclu-	ottom of this page. If the shall sign the certification ion submitted in this documention, I believe that the inferior	local agency has contracted with n. ment and all attachments, and							
complete. I am aware that there 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.	d/or imprisonment, pursuant							
complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The John Perry, Site V		to \$50,000 per violation.	d/or imprisonment, pursuant							
complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The John Perry, Site V	New Jersey water Pollution Control Act provides for penalties up /ice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT	to \$50,000 per violation. OR GRADE AND REC	d/or imprisonment, pursuant N/A GISTRY NUMBER (IF APPLICABLE)							
complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The John Perry, Site V NAME AND TITLE OF PRINCIPAL	New Jersey water Pollution Control Act provides for penalties up /ice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT	to \$50,000 per violation.	d/or imprisonment, pursuant							
complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The John Perry, Site V NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the high	New Jersey water Pollution Control Act provides for penalties up /ice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT	o to \$50,000 per violation. OR GRADE AND REC 05/24/2013 DATE	N/A GISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER							
John Perry, Site V NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the high person designated by that person	New Jersey water Pollution Control Act provides for penalties up /ice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR high-ranking operator does not have the ability to authorize capital expe	OR GRADE AND RECONSTRUCTION OF AND RECONSTRUCTION OF AND RECONSTRUCTION OF A STATE OF A	d/or imprisonment, pursuant N/A GISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility or							
John Perry, Site V NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the high person designated by that person	New Jersey water Pollution Control Act provides for penalties up /ice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR host-ranking operator does not have the ability to authorize capital expension of the sign the following certification:	OR GRADE AND RECONSTRUCTION OF AND RECONSTRUCTION OF AND RECONSTRUCTION OF A STATE OF A	d/or imprisonment, pursuant N/A GISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility or							

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1430003022	707/	Outlail 40-	70	172010 1	0 4/30/2013	1 323 11002	LAN LLO OAL	LIN OLIV		1 11.4	
PARAMETER	X	QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	426	439	<u> </u>	*****	****	****		0	1/004	CALCTO
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*****	****		1/Day	CALCTD
,	QL	*****	*****		****	*****	*****				
рН	SAMPLE MEASUREMENT	*****	*****		6.3	*****	8.5		0	Vweek	GRAG
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	****	***	*****	6.0 01DAMN	****	9.0 01DAMX	รบ	1.4.4	1/Week	GRAB
	QL.	****	*****		*****	****	***				
рН	SAMPLE MEASUREMENT	****	*****		7.7	*****	8,3		0	1 week	G-RAB
00400 7 Intake From Stream	PERMIT REQUIREMENT	****	****	*****	REPORT 01DAMN	****	REPORT 01DAMX	su	٠,.	1/Week	GRAB
	QL	***	****		****	***	****				
LC50 Statre 96hr Acu Cyprinodon	SAMPLE MEASUREMENT	****	****		CODE:N	****	****		0	CODE=N	CODE=N
TAN6A 1 Effluent Gross Value	PERMIT REQUIREMENT	Andreas Angelia Angelia Angelia Angelia Angelia Angelia Angelia	*****	*****	50 01DAMN	######################################	****	%EFFL		2/Year	COMPOS
	QL	*****	*****		*****	****	***		<u> </u>	<u> </u>	<u> </u>
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		****	CODEIN	CODE=N		0	CODE=N	CODE= H
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	Anthony	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Option 1	QL	*****	20.1 *****		****	****	**************************************				
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	****		****	۲٥٠١	1.07		٥	3/week	GRAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	***	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Option 2	QL	****	****	1	*****	****	***	-			

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

NJ0005622	464A	SW Outrail 484	4A 4	11/2013 1	0 4/30/2013	PSEG NUCL	EAR LLC SAL	CIVI GEIN	EKAI	IIN	
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALIT	ry or concentr	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	*****	****		*****	20.7	25.1		0	11004	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	O A	*****	***	REPORT 01MOAV	REPORT 01DAMX	DEG.C	NE.	1/Day	CONTIN
	QL	****	****	[*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	1327	17451		PAILL						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab#		REPORT Lab #	REPORT Lab #	REPORT Lab#			Not Applic	NOT AP
	QL	****	****		***	***	****				

NJPDES PERMIT	MONITORING PERIOD	MONITOR	RED LOCATION:							
NJ0005622	Month Day Year To Month Day Year 48 48 48 48	85A – SW Outf	all 485A							
PERMITTEE:	LOCATION OF ACTIVITY:	REPORT RECI	OIFNT.							
PSE&G NUCLEAR LLC										
80 PARK PLAZA	GENERATING STATION	PO BOX 236/N21								
NEWARK, NJ 07101	ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	HANCOCKS BRIDG	E, NJ 08038							
	REGION / COUNTY: Southern / Salem Cou	unty								
CHECK IF APPLICABLE		eport Comments Attacl	ed							
the certification. Where the higresponsibility or person designs another entity to operate the tree I certify under penalty of law that, based on my inquiry of the complete. I am aware that the	ace a person designated by that person. For a local agency, the highest phest ranking operator does not have the ability to authorize capital exacted by that person shall also sign the second certification at the bottom at the highest-ranking official of the contracted entity shamat I have personally examined and am familiar with the information soes individuals immediately responsible for obtaining the information re are significant penalties for submitting false information, including the New Jersey water Pollution Control Act provides for penalties up to	spenditures and hire per om of this page. If the last all sign the certification submitted in this docum in, I believe that the infog the possibility of and	rsonnel, a person having that ocal agency has contracted with . nent and all attachments, and rmation is true, accurate and							
John Perry, Site	Vice President - Salem	1	<u> </u>							
NAME AND TITLE OF PRINCIPAL	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REG 05/24/2013	ISTRY NUMBER (IF APPLICABLE) 856-339-3463							
SIGNATURE OF PRINCIPAL EXEC	CUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER							
*For a local agency where the hig person designated by that person	thest-rayking operator does not have the ability to authorize capital expendit shall sign the following certification:	tures and hire personnel, a	a person having that responsibility or							
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 repo								
			orts.							
<u>N/A</u>	N/A	<u>N/A</u>	N/A							

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1430003022	7007	OVI Outlail 400	<i>yr</i> . 7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 4/30/2013	F3LG NOCE	LLAN LLO SAL	LIVI GLIV	LIVA	1 111	
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	403	Γο <i>γ</i>		****	. ****	****		0	110ay	CALCTD
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	***	****	*****		1/Day	CALCTD
	QL	***	****	1	***	***	*****				
pН	SAMPLE MEASUREMENT	****	****		6.9	****	8.7		0	/ weekc	GRAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	常有大会会会	****	*****	6.0 01DAMN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9.0 01DAMX	รบ		1/Week	GRAB
	QL	****	*****		***	青金青金金青	****				
pН	SAMPLE MEASUREMENT	****	****		7.7	****	8.3		0	1/meek	GRAB
00400 7 Intake From Stream	PERMIT REQUIREMENT	****	**************************************	*****	REPORT 01DAMN	****	REPORT 01DAMX	su		1/Week	GRAB
	QL	***	****]	****	(i) ******** (i)	12 fr ******		l dia		ngsymmetric same i
LC50 Statre 96hr Acu Cyprinodon	SAMPLE MEASUREMENT	****	****		CODE=M	****	****		0	CODE=N	CODE=N
TAN6A 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	50 01DAMN	***	****	%EFFL	7	2/Year	COMPOS
	QL	*****	****		****	****	****		l	<u> </u>	
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	*****	****		****	CODE=N	C00E=11		0	CODE=11	CODE=N
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	音音音音音	*****	*****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Option 1	QL	****	****	_	****	****	****				
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		****	201	40.1		0	3/week	GRAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	索克格拉索拉	REPORT 01MOAV	0.2 01DAMX	MG/L	3	3/Week	GRAB
Option 2	QL	****	****	;]	3 * ******	Afric ***** any ity	****	1	1.02		【 枝髮1 洗红海红

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

					0 1100/2010	1 020 110021	LAKELO OAI			. • • • • • • • • • • • • • • • • • • •	
PARAMETER		QUANTITY C	OR LOADING	UNITS	QUALIT	Y OR CONCENTRA	ATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature,	SAMPLE MEASUREMENT	****	***		****	20.8	27.5		0	1/004	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C	- 1	1/Day	CONTIN
	QL	****	***	j .	****	*****	***	-		•	
Lab Certification #	SAMPLE MEASUREMENT	17327	เานรา		PA 166					į	
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab#	REPORT Lab#		REPORT Lab#	REPORT Lab#	REPORT	_		Not Applic	NOT AP
	QL	****	***	1	*****	****	******		englis.	la te	

NJPDES PERMIT	MONITORING PERIOD	MONITORED LOCATION:							
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	486A – SW Out	fall 486A						
PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101	LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	REPORT REC PSEG NUCLEAR I PO BOX 236/N21 HANCOCKS BRID	LC						
	REGION / COUNTY: Southern / Salem	County							
CHECK IF APPLICABLES	No Discharge this Monitoring Period Monitoring	g Report Comments Atta	ched						
responsibility or person designs another entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that there	thest ranking operator does not have the ability to authorize capital ted by that person shall also sign the second certification at the battment works, the highest-ranking official of the contracted entity at I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information are significant penalties for submitting false information, includes Mew Jersey water Pollution Control Act provides for penalties up	ottom of this page. If the y shall sign the certification ion submitted in this docution, I believe that the inding the possibility of an	I local agency has contracted with on. Iment and all attachments, and formation is true, accurate and ad/or imprisonment, pursuant						
John Perry, Site V	/ice President - Salem		N/A						
NAME AND TITLE OF PRINCIPAL Jole F. F.	EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT C	O5/24/2013	GISTRY NUMBER (IF APPLICABLE) 856-339-3463						
SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER						
*For a local agency where the hig person designated by that person	hest ranking operator does not have the ability to authorize capital expensions the following certification:	enditures and hire personne.	, a person having that responsibility or						
I certify under penalty of law and	in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attac	shed discharge monitoring re	ports.						
<u>N/A</u>	N/A	N/A	<u>N/A</u>						
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER						

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1100000022	100/1	Ott Outlan 400					.L/III LLO O/IL				
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	388	393		*****	*****	****		0	1/Day	CALCTO
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	The second secon	****	· · · · · · · · · · · · · · · · · · ·	*****	dos.	1/Day	CALCTD
	QL	****	*****		****	****	****				
рН	SAMPLE MEASUREMENT	****	****		7.5	****	8.4		0	Week	CAAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	******	****	*****	6.0 01DAMN	埃索安伯拉安	9.0 01DAMX	su		1/Week	GRAB
	QL	****	****		***	****	****		<u> </u>		
рН	SAMPLE MEASUREMENT	*****	*****		ባ:ካ	*****	8.3		0	1/week	GRAB
00400 7 Intake From Stream	PERMIT REQUIREMENT	***************************************	****	*****	REPORT 01DAMN	# #####	REPORT 01DAMX	SU	1 (1) 1 (2) 1 (1) 1 (1) 1 (1)	1/Week	GRAB
	QL	*****	*****	<u> </u>	*****	***	****		· · · · · · · · · · · · · · · · · · ·	ged A	- Alexander 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	****		****	CODE=H	CODE=N		0	CODE=14	CODE = M
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	****	****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Option 1	QL	****	****		****	****	****				
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		****	人0.1	40.1		0	3/week	CRAB
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	索索索索索	清妆典表皮膏	*****	***	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Option 2	QL	****	****		*****	****	***	1	10		
Temperature,	SAMPLE MEASUREMENT	*****	****		****	20.7	25.8		0	1004	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	**************	*****	***	REPORT 01MOAV	REPORT 01DAMX	DEG.C	=	1/Day	CONTIN
	QL	****	****		****	*****	*****				

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

Surface '	Water	Discharge	Monitoring	Report
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PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

PARAMETER		QUANTITY	OR LOADING	UNITS	QUAL	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE		
Lab Certification #	SAMPLE MEASUREMENT	17327	17451		PA 166						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab#		REPORT Lab #	REPORT Lab#	REPORT Lab #	7		Not Applic	NOT AP
	QL	****	****	1	****	***	***	~			· -

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

NJPDES PERMIT	MONITORING PERIOD	MONITOR	RED LOCATION:
NJ0005622	Month Day Year 4 1 2013 To Month Day Year 4 30 2013	489A – SW Outf	all 489A
PERMITTEE:	LOCATION OF ACTIVITY:	REPORT RECII	PIENT:
PSE&G NUCLEAR LLC	PSEG NUCLEAR LLC SALEM	PSEG NUCLEAR LL	
80 PARK PLAZA	GENERATING STATION	PO BOX 236/N21	
NEWARK, NJ 07101	ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038	HANCOCKS BRIDG	E, NJ 08038
	REGION / COUNTY: Southern / Salem C	County	
CHECK IF APPLICABLE		ng Report Comments Atta	ched
the certification or, in his abser	nest ranking official having day-to-day managerial and operational ace a person designated by that person. For a local agency, the high whest ranking operator does not have the ability to authorize capital	hest ranking operator of th	e treatment works shall sign
responsibility or person designanother entity to operate the treatment of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity nat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the informative are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up	ottom of this page. If the lashall sign the certification on submitted in this documention, I believe that the infedring the possibility of and to \$50,000 per violation.	nent and all attachments, and ormation is true, accurate and /or imprisonment, pursuant
responsibility or person designanother entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site Y	ated by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity nat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, include	ottom of this page. If the lashall sign the certification on submitted in this documention, I believe that the informing the possibility of and to \$50,000 per violation.	ocal agency has contracted with nent and all attachments, and rmation is true, accurate and
responsibility or person designanother entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site Y.	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informative are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up	ottom of this page. If the lashall sign the certification on submitted in this documention, I believe that the infeding the possibility of and to \$50,000 per violation. GRADE AND REG	nent and all attachments, and armation is true, accurate and all of imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE)
responsibility or person designanother entity to operate the treat l certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site NAME AND TITLE OF PRINCIPAL	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informative are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up	ottom of this page. If the lashall sign the certification on submitted in this documention, I believe that the informing the possibility of and to \$50,000 per violation.	ocal agency has contracted with ment and all attachments, and ormation is true, accurate and for imprisonment, pursuant
responsibility or person designanother entity to operate the tree. I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTE. *For a local agency where the high	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity at I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informative are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATORY **LICENSED	on the page. If the lashall sign the certification on submitted in this document on, I believe that the infection of the possibility of and to \$50,000 per violation. OR GRADE AND REG 05/24/2013 DATE	nent and all attachments, and armation is true, accurate and for imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER
responsibility or person designanother entity to operate the treat another entity to operate the treat that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTE. *For a local agency where the high person designated by that person	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity att I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informationse are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR TO The officer, AUTHORIZED AGENT, OR *LICENSED OPERATOR Thest-ranking operator does not have the ability to authorize capital expenses.	on the page. If the lashall sign the certification on submitted in this document on, I believe that the infection, I believe that the infection of the possibility of and to \$50,000 per violation. OR GRADE AND REGULATED DATE Inditures and hire personnel.	nent and all attachments, and ormation is true, accurate and for imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER IT person having that responsibility or
responsibility or person designanother entity to operate the treat another entity to operate the treat that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John Perry, Site NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTE. *For a local agency where the high person designated by that person	atted by that person shall also sign the second certification at the bo atment works, the highest-ranking official of the contracted entity att I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informationse individuals immediately responsible for obtaining the informationse are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR hest-ranking operator does not have the ability to authorize capital expensional sign the following certification:	on the page. If the lashall sign the certification on submitted in this document on, I believe that the infection, I believe that the infection of the possibility of and to \$50,000 per violation. OR GRADE AND REGULATED DATE Inditures and hire personnel.	nent and all attachments, and ormation is true, accurate and for imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER IT person having that responsibility or

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

489A SW Outfall 489A

4/1/2013 TO 4/30/2013

PSEG NUCLEAR LLC SALEM GENERATIN

1100003022	,,,,,	Off Outlan 40.			0 4/30/2013	. 020002	LAN LLO OAL	0			
PARAMETER	X	QUANTITY (OR LOADING	UNITS	QUALI	QUALITY OR CONCENTRATION			NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.0288	0.0288		****	****	*****		٥	MONTH	CALCTO
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	***	埃索索萨 克	****	*****		1/Month	CALCTD
	QL	***	*****	1	****	***	****				
рН	SAMPLE MEASUREMENT	*****	*****		7.5	****	7.5		0	MONTH	GRAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	索索索索索	由安全共享的	*****	6.0 01DAMN	i digita di salah di	9.0 01DAMX	sυ		1/Month	GRAB
	QL	****	*****		****	****	****				
Solids, Total Suspended	SAMPLE MEASUREMENT	****	*****		12	12	****	MG/L	0	HTNOM	GRAB
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	****	100 01DAMX	30 01 MOAV	20 kg (4*****		339	1/Month	GRAB
	QL	****	Bull *****		*****	***	*****		\$ "		
Petroleum Hydrocarbons	SAMPLE MEASUREMENT	*****	*****		***	45	45		0	1/month	GRAB
00551 1 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	****	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
	QL	****	****		*****	****	****			N. a.	
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	****	****		****	8	8		0	MONTH	G-RAB
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	******	*****	*****	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	GRAB
	QL	*****	****		****	****	****	1	V 17		
Lab Certification #	SAMPLE MEASUREMENT	17327	17451		PAILL						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab#		170	Not Applic	NOT AP
	QL	****	青金等安安安]	- 1 3 pm + ***** (*)	*****	100000000000000000000000000000000000000	1			

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

NJPDES PERMIT	MONITORING PERI	OD	MONITOR	RED LOCATION:
NJ0005622	Month Day Year 4 1 2013 To Month	h Day Year 30 2013	487B – SW Outf	all 487B
PERMITTEE:	LOCATION OF AC	TIVITY:	REPORT RECH	PIENT:
PSE&G NUCLEAR LLC	PSEG NUCLEAR LLC S		PSEG NUCLEAR LL	
80 PARK PLAZA	GENERATING STATIO		PO BOX 236/N21	
NEWARK, NJ 07101	ALLOWAY CREEK NEG HANCOCKS BRIDGE, N		HANCOCKS BRIDG	E, NJ 08038
	REGION / COUNT	Y: Southern / Salem	County	
CHECK IF APPLICABLE	K-21		ng Report Comments Atta	ched
responsibility or person designs another entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that the	thest ranking operator does not have the abilited by that person shall also sign the second atment works, the highest-ranking official of nat I have personally examined and am familiose individuals immediately responsible for the are significant penalties for submitting fall New Jersey water Pollution Control Act pro	certification at the both the contracted entity ar with the information btaining the informase information, inclu	ottom of this page. If the I shall sign the certification on submitted in this documention, I believe that the infoding the possibility of and	ocal agency has contracted with it. nent and all attachments, and ormation is true, accurate and
John Perry, Site V	/ice President - Salem			N/A
NAME AND TITLE OF PRINCIPAL	EXECUTIVE OFFICER, AUTHORIZED AGENT, OI	R *LICENSED OPERAT	OR GRADE AND REG 05/24/2013	ISTRY NUMBER (IF APPLICABLE) 856-339-3463
SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFICER, AUTHORIZED AGENT, OR *LIG	CENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER
*For a local agency where the hig person designated by that person	hest ranking operator does not have the ability to shall sign the following certification:	authorize capital expe	nditures and hire personnel.	a person having that responsibility or
I certify under penalty of law and	in accordance with N.J.S.A. 58:10A-6F(5) that I l	nave reviewed the attacl	ned discharge monitoring rep	orts.
N/A	<u>N/A</u>		N/A	<u>N/A</u>
NAME AND TITLE	SIGNATURE			