

JUN 15 2006
LR-E06-0272



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7005 1160 0003 4381 5226

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 May 2006.

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 Brendan Daly at (856) 339-1169.

Sincerely,


Thomas P. Joyce
Site Vice President – Salem

IE25

Attachments

JUN 15 2006

LR-E06-0272
NJPDES DMR

2

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

JUN 15 2006

LR-E06-0272
NJPDES DMR

3

EXPLANATION OF CONDITIONS

May 2006

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 1993 revision of the NJDEP DMR Instruction Manual and specific guidance from DEP personnel.

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LR-E06-0272
NJPDES DMR

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EXPLANATION OF EXCEEDANCES

May 2006

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

DSN No.	EXPLANATION
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No specific permitted limits were exceeded, but two non-permitted discharges did occur. See the attached five day reports.



MAY 19 2006
LR-E06-0247

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Article Number: 7005 1160 0003 4381 5189

Administrator of Water Compliance and Enforcement
New Jersey Department of Environmental Protection
401 East State Street, 4th Floor East
PO Box 422
Trenton, New Jersey 08625-0422

**RE: PSEG Nuclear LLC - Salem Generating Station
NJPDES Permit No. NJ0005622
NJDEP Case No. 06-05-14-2325-36
Five Day Report**

Dear Sir/Madam:

In accordance with N.J.A.C. 7:14A-6.10 Noncompliance Reporting, PSEG Nuclear LLC is submitting this report concerning a discharge of water containing sodium hypochlorite through Discharge Serial Number (DSN) 488. The discharge was reported to the New Jersey Department of Environmental Protection (NJDEP) hotline and assigned case number 06-05-14-2325-36. This discharge was also reported to the Nuclear Regulatory Commission and assigned event number 42575. This report contains the following information as known at the time of this report. In accordance with the regulations, additional information regarding this discharge will be provided as it becomes available.

1: A description of the discharge, including the time of the discharge, the location of discharge, the volume of the discharge, the concentration of pollutants discharged, and the receiving water of the discharge;

On May 14th, 2006 at 20:45 Operations personnel observed water leaking from valve 1SW29 in Service Water Bay 1. At 20:50 valve 1SW27 was closed to isolate the leak. At 21:21 the Service Water Bay 1 sump pump breaker was opened terminating discharge from the building. Based on the sump pump rates it is estimated approximately 1,000 gallons was discharged to the Delaware River through DSN 488. A sample taken in the Service Water Bay 1 at 21:40 indicated 3000 ppm Total Residual Chlorine (TRC) concentration in the remaining water. A sample was taken at 23:15 from manhole #17 on DSN 488. The sample results were <0.1 ppm TRC indicating no further discharge

2. Steps being taken to determine the cause of the permit noncompliance;

PSEG is conducting a investigation in accordance with our problem identification and resolution process. The results of this investigation that would provide additional information will follow this letter as they become available.

3. Steps being taken to reduce, remediate, and eliminate the noncomplying discharge and any damage to the environment, and the anticipated time frame to initiate and complete the steps to be taken;

After discovery, the leak was isolated. When Operations realized the building sump pump was still operating the pump was turned off which stopped the discharge. Sodium hypochlorite supply to Service Water Bay 1 was isolated at 21:25. A sample was taken at 23:15 from manhole #17 on DSN 488. The sample results were <0.1 ppm TRC indicating no further discharge. No visible impact to the environment was noted. There is not expected to be a discernable impact to the environment.

4. The duration of the discharge, including the dates and times of the commencement and, for an unanticipated bypass, the dates and times of the end or anticipated end of the discharge, and if the discharge has not been corrected, the anticipated time when the permittee will correct the situation and return the discharge to compliance;

The approximate start of the discharge is believed to be 20:45 on 05/14/2006. The discharge was stopped at 21:21. It is believed no more then 1,000 gallons reached the Delaware River. This 1,000 gallons at 3000 ppm equates to no more then 20 gallons of 15% sodium hypochlorite.

5. The cause of the noncompliance;

The cause of the noncompliance is failure of Service Water isolation valve 1SW29 with a concurrent failure of check valve 1SW30. Service Water isolation valve 1SW29 developed a leak in the side of the valve, check valve 1SW30 should have prevented sodium hypochlorite solution from being released through the leaking 1SW29 valve, but the concurrent failure of 1SW30 allowed sodium hypochlorite to flow back to the hole in the side of valve 1SW29.

Administrator of Water Compliance and Enforcement
LR-E06-0247

6. Steps being taken to reduce, eliminate, and prevent reoccurrence of the noncomplying discharge;

The noncomplying discharge has been eliminated. The failed valves 1SW29 and 1SW30 have been replaced. Steps to prevent reoccurrence are dependant upon the results from the cause investigation and in accordance with the regulations will be transmitted to the NJDEP within ten days after they become available.

7. An estimate of the threat to human health or the environment posed by the discharge; and

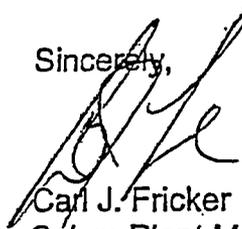
Based upon visual observation and in light of a maximum calculated volume of 20 gallons of 15% sodium hypochlorite being discharged, it is estimated there was little to no threat to human health or the environment.

8. The measures the permittee has taken or is taking to remediate the problem and any damage or injury to human health or the environment, and to avoid a repetition of the problem.

To date the permittee has eliminated the discharge, and is currently investigating the cause of the noncomplying discharge. Steps to prevent reoccurrence are dependant on the results of the investigation.

If you have any questions regarding this information, please contact Brendan Daly of my staff at (856) 339-1169.

Sincerely,



Carl J. Fricker
Salem Plant Manager

C. NJDEP
Southern Enforcement Office
One Port Center
2 Riverside Drive, Suite 201
Camden, NJ 08102
Attn: Mr. Steven Mathis

Administrator of Water Compliance and Enforcement
LR-E06-0247

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Delaware Emergency Management Agency
Attn.: Janet Chomiszak
165 Brick Store Landing Road
Smyrna, DE 19977

PSEG Nuclear LLC
P.O. Box 236, Hancocks Bridge, New Jersey 08038-0236



MAY 12 2006

LR-E06-0232

Certified Mail
Return Receipt Requested
Article Number: 7004 2510 0005 2135 2924

Administrator of Water Compliance and Enforcement
New Jersey Department of Environmental Protection
401 East State Street, 4th Floor East
PO Box 422
Trenton, New Jersey 08625-0422

RE: PSEG Nuclear LLC - Salem Generating Station
NJPDES Permit No. NJ0005622
NJDEP Case No. 06-05-10-0235-20
Five Day Report

Dear Sir/Madam:

In accordance with N.J.A.C. 7:14A-6.10 Noncompliance Reporting, PSEG Nuclear LLC is submitting this report concerning a discharge of water containing hydrazine and ammonia through Discharge Serial Number (DSN) 488. The discharge was reported to the New Jersey Department of Environmental Protection (NJDEP) hotline and assigned case number 06-05-10-0235-20. This discharge was also reported to the Nuclear Regulatory Commission and assigned event number 42563. This report contains the following information as known at the time of this report. In accordance with the regulations, additional information regarding this discharge will be provided as it becomes available.

1. A description of the discharge, including the time of the discharge, the location of discharge, the volume of the discharge, the concentration of pollutants discharged, and the receiving water of the discharge;

On May 10th, 2006 at 0150 Operations personnel observed condenser hotwell levels dropping unexpectedly. An operator was dispatched to investigate. As a result of the dropping levels, the auxiliary demineralizer pump was initiated to makeup flow to the condenser hotwells. At 0215 the control room received a report of flooding from the Salem Unit 1 Condensate Polisher Building (CPB). At this time, a relief valve within the Salem Unit 1 CPB was found to be the source of the discharge. The source of the discharge was terminated immediately (0215). Some of the water discharged was collected within the CPB. Based on the level

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Administrator of Water Compliance and Enforcement
LR-E06-0232

indication of the high conductivity pit, taken on May 9th, the volume available to be contained was approximately 10,000 gallons. The total volume of water released inside the building was approximately 40,000 gallons.

This is based on the volume of water needed to return the system to full capacity. In addition to the 10,000 gallons contained in the high conductivity pit, an unknown amount was collected through floor drains and other smaller containments within the CPB. The remaining water flowed through the two doorways of the CPB (one on the northeast side and one on the southwest side). Based on personnel observations, the majority of the water exited the building on the northeast side. Further, based upon the observations of the first responders, the volume discharged to the Delaware River through DSN 488 was approximately 2,000 gallons. A sample taken at the U1 CPB resulted in 200 ppm ammonia and 30 ppm hydrazine. A sample taken at the storm drain leading to the river indicated 3 ppm hydrazine and 40 ppm ammonia.

2. Steps being taken to determine the cause of the permit noncompliance;

PSEG has conducted a prompt investigation in accordance with our problem identification and resolution process. Corrective actions are under review and they will follow this letter as they become available.

3. Steps being taken to reduce, remediate, and eliminate the noncomplying discharge and any damage to the environment, and the anticipated time frame to initiate and complete the steps to be taken;

After discovery, the discharge was immediately stopped. Emergency responders from the Fire Protection Department were on scene shortly thereafter and placed plugs into two storm drains, thus isolating as much water as possible to the immediate area. The first plug was put in place in manhole #14, associated with the storm water system leading to DSN 488, at approximately 0225. The second plug was put in place in curb inlet H, associated with the DSN 489, including the Oil Water Separator (OWS). At the time of the discharge, the OWS was placed in manual, and therefore held all water received.

The discharged water that accumulated in the storm drain was removed, as well as standing water in the immediate area outside of the CPB using a vacuum truck at approximately 1500 on 5/10/06. This totaled over 1000 gallons. The water remaining in the OWS was neutralized with hydrogen peroxide on 5/11/06 and tested prior to discharge. The impacted soil in the immediate area surrounding the CPB was also

MAY 12 2006

Administrator of Water Compliance and Enforcement
LR-E06-0232

neutralized using hydrogen peroxide. This method was discussed with the NJDEP Emergency Response Specialist who arrived onsite at 1300 on 5/10/06. No visible impact to the environment was noted. There is not expected to be a discernable impact to the environment.

4. The duration of the discharge, including the dates and times of the commencement and, for an unanticipated bypass, the dates and times of the end or anticipated end of the discharge, and if the discharge has not been corrected, the anticipated time when the permittee will correct the situation and return the discharge to compliance;

The approximate start of the discharge is believed to be 0150 on 5/10/06. The discharge was stopped at 0215 at the source, and the water flowing toward DSN 488 at 0225. Due to the volume of makeup water equaling 40,000 gallons, the maximum discharge from the condensate polisher building would be equal to that volume of 40,000 gallons. The high conductivity pit levels indicated approximately 10,000 to 12,000 gallons of capacity as of the reading on 5/9/06. The resulting release from the CPB would be a maximum of 30,000 gallons. It is unknown the exact volume trapped within the OWS. Because of the terrain, and based on observations of the first responders the majority of the water was directed toward the OWS. Along with the 1000 gallons collected within the immediate area (storm drain and standing water), it is still believed no more than 2000 gallons reached the Delaware river. This 2000 gallons which at 3 ppm, equates to no more than 8.3 ounces of hydrazine.

5. The cause of the noncompliance;

The cause of the noncompliance is currently under review. In accordance with the regulations the results of the investigation will be transmitted to the NJDEP within ten days after they become available.

6. Steps being taken to reduce, eliminate, and prevent reoccurrence of the noncomplying discharge;

The noncomplying discharge has been eliminated. Steps to prevent reoccurrence are dependant upon the results from the cause investigation and in accordance with the regulations will be transmitted to the NJDEP within ten days after they become available.

7. An estimate of the threat to human health or the environment posed by the discharge;

Based upon visual observation and in light of a maximum calculated 8.3 ounces of hydrazine being discharged, it is estimated there was little to no threat to human health or the

MAY 12 2006

Administrator of Water Compliance and Enforcement
LR-E06-0232

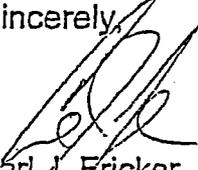
environment.

8. The measures the permittee has taken or is taking to remediate the problem and any damage or injury to human health or the environment, and to avoid a repetition of the problem.

To date the permittee has eliminated the discharge, and is currently investigating the cause of the noncomplying discharge. Steps to prevent reoccurrence are dependant on the results of the investigation.

If you have any questions regarding this information, please contact Brendan Daly of my staff at (856) 339-1169.

Sincerely,



Carl J. Fricker
Salem Plant Manager

C NJDEP
Southern Enforcement Office
One Port Center
2 Riverside Drive, Suite 201
Camden, NJ 08102
Attn: Mr. Steven Mathis

MAY 12 2006

Administrator of Water Compliance and Enforcement
LR-E06-0232

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Delaware Emergency Management Agency
Attention: Janet Chomiszak
165 Brick Store Landing Road
Smyrna, DE 19977

COUNTY OF SALEM
STATE OF NEW JERSEY

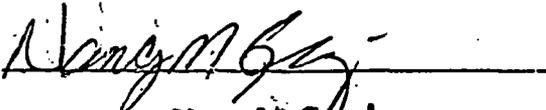
I, Thomas P. Joyce, of full age, being duly sworn according to law, upon my oath depose and say:

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.



Thomas P. Joyce
Site Vice President – Salem

Sworn and subscribed before me
this 14th day of June 2006.



Nancy M. Ganning

Notary Public of New Jersey

Commission Expires on September 22, 2009

/New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD				MONITORED LOCATION:												
NJ0005622	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th>Month</th><th>Day</th><th>Year</th></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">1</td><td style="text-align: center;">2006</td></tr> </table>	Month	Day	Year	5	1	2006	To	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><th>Month</th><th>Day</th><th>Year</th></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">31</td><td style="text-align: center;">2006</td></tr> </table>	Month	Day	Year	5	31	2006		FACA – SW Outfall FACA
Month	Day	Year															
5	1	2006															
Month	Day	Year															
5	31	2006															

PERMITTEE:
PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:
PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	06/15/2006 856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACA SW Outfall FACA
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 G Raw Sew/Influent	SAMPLE MEASUREMENT	*****	*****		*****	18.9	22.7		Q	Continuous	Contin
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
	QL	*****	*****		*****	*****	*****				
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	27.5	30.7		Q	Continuous	Contin
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
	QL	*****	*****		*****	*****	*****				
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	8.6	9.6		Q	1/DAY	Calcd
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CALC'D
	QL	*****	*****		*****	*****	*****				
Lab Certification # 00000 00 Lab	SAMPLE MEASUREMENT	17327	06431		17451						
	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".

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: FACB – SW Outfall FACB
	Month	Day	Year	To	Month	Day	
	5	1	2006		5	31	2006

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

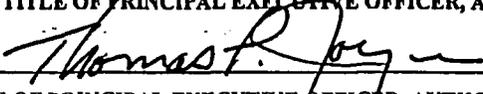
CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	06/15/2006 856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACB SW Outfall FACB
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATI

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 G Raw Sew/Influent	SAMPLE MEASUREMENT	*****	*****	*****	*****	18.9	22.7	DEG.C	Q	Continous	CONTIN
	PERMIT REQUIREMENT			*****		REPORT 01MOAV	REPORT 01DAMX			Continuous	CONTIN
	QL										
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	27.8	30.8	DEG.C	Q	Continous	CONTIN
	PERMIT REQUIREMENT			*****		REPORT 01MOAV	REPORT 01DAMX			Continuous	CONTIN
	QL										
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	8.8	9.9	DEG.C	Q	1/DAY	CALCTD
	PERMIT REQUIREMENT			*****		REPORT 01MOAV	REPORT 01DAMX			1/Day	CALCTD
	QL										
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		17451						
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOTAP
	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".

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0005622	Month	Day	Year	To	Month	Day	Year	FACC – SW Outfall FACC
	5	1	2006		5	31	2006	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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<u>Thomas P. Joyce, Site Vice President - Salem</u>	<u>N/A</u>
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	<u>06/15/2006</u> <u>856-339-2086</u>
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACC SW Outfall FACC
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 G Raw Sew/Influent	SAMPLE MEASUREMENT	2439	2601	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD
	PERMIT REQUIREMENT	8024 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
	QL										
Thermal Discharge Million BTUs per Hr 00015 2 Effluent Net Value	SAMPLE MEASUREMENT	13747	14006	MBTU/HR	*****	*****	*****	*****	Q	1/DAY	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	80800 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
	QL										
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		17451						
	PERMIT REQUIREMENT	REPORT Lab #	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.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 048C – SW Outfall 48C
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

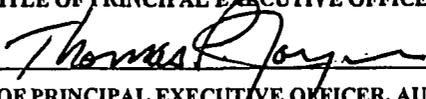
CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	06/15/2006 856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 048C SW Outfall 48C
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	0.2694	0.4385	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD	
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****					
	QL	*****	*****		*****	*****	*****					
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	10	16	MG/L	Q	2/month	COMPOS	
	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	100 01DAMX					
	QL	*****	*****		*****	*****	*****					
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1	MG/L	Q	2/month	COMPOS	
	PERMIT REQUIREMENT	*****	*****		*****	35 01MOAV	70 01DAMX					
	QL	*****	*****		*****	*****	*****					
Petroleum Hydrocarbons 00551 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1	MG/L	Q	2/month	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX					
	QL	*****	*****		*****	*****	*****					
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	6	MG/L	Q	2/month	COMPOS	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX					
	QL	*****	*****		*****	*****	*****					
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431	*****	17451			*****				
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		*****	REPORT Lab #	REPORT Lab #					REPORT Lab #
	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)292-4680 or via email at "srosenwi@dcp.state.nj.us".

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 481A – SW Outfall 481A
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:
PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

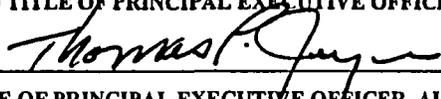
REPORT RECIPIENT:
PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

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

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A	
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)	
	06/15/2006	856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622 MONITORED LOCATION: 481A SW Outfall 481A MONITORING PERIOD: 5/1/2006 TO 5/31/2006 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE		
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	412	484	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD		
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			*****	1/Day	CALCTD	
	QL	*****	*****		*****	*****	*****			*****	*****	*****	
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	7.6	SU	Q	1/Week	GRAB		
	PERMIT REQUIREMENT	*****	*****		*****	6.0 01DAMN	*****			9.0 01DAMX	*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****	*****	*****
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	Q	1/Week	GRAB		
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01DAMN	*****			REPORT 01DAMX	*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****	*****	*****
LC50 Statre 96hr Acu Cyprinodon TAN6A 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	Q	Code=N	Code=N		
	PERMIT REQUIREMENT	*****	*****		*****	50 01DAMN	*****			*****	*****	2/Year	COMPOS
	QL	*****	*****		*****	*****	*****			*****	*****	*****	*****
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	MGL	Q	Code=N	Code=N		
	PERMIT REQUIREMENT	*****	*****		*****	*****	0.3 01MOAV			0.5 01DAMX	*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****	*****	*****
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	Q	3/Week	GRAB		
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV			0.2 01DAMX	*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****	*****	*****

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 481A SW Outfall 481A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, °C 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	28.2	31.8		Q	1/DAY	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
	QL										
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		17451						
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT AP
	QL										

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 482A – SW Outfall 482A
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

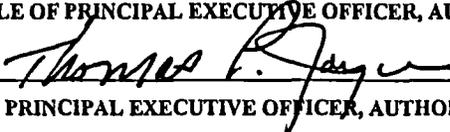
CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

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Thomas P. Joyce, Site Vice President - Salem	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	06/15/2006 856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 482A SW Outfall 482A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, in Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	441	444	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
	QL	*****	*****		*****	*****	*****		*****		
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.7	SU	Q	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX		*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****		
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	Q	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX		*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****		
LC50 Statre 96hr Acu Cyprinodon TAN6A 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	Q	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****		*****	2/Year	COMPOS
	QL	*****	*****		*****	*****	*****		*****		
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	MGL	Q	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX		*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****		
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	Q	3/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX		*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****		

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 482A SW Outfall 482A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, °C	SAMPLE MEASUREMENT	*****	*****		*****	27.4	31.7		0	1/DAY	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT			*****		REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
	QL										
Lab Certification #	SAMPLE MEASUREMENT	17327	06431		17451						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT AP
	QL										

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 483A – SW Outfall 483A
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

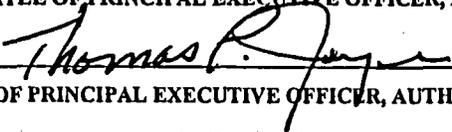
CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

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Thomas P. Joyce, Site Vice President - Salem	N/A	
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)	
	06/15/2006	856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622 MONITORED LOCATION: 483A SW Outfall 483A MONITORING PERIOD: 5/1/2006 TO 5/31/2006 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	434	441	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD	
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****					
	QL	*****	*****		*****	*****	*****					
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.6	*****	7.7	SU	Q	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX					
	QL	*****	*****		*****	*****	*****					
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	Q	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX					
	QL	*****	*****		*****	*****	*****					
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code = N	Code = N	MGL	Q	Code = N	Code = N	
	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX					
	QL	*****	*****		*****	*****	*****					
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	Q	3/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX					
	QL	*****	*****		*****	*****	*****					
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	27.2	33.6	DEG.C	Q	1/DAY	CONTIN	
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV					REPORT 01DAMX
	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

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 483A SW Outfall 483A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Lab Certification #	SAMPLE MEASUREMENT	17327	06431		17.451						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT APPLICABLE
	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.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 484A – SW Outfall 484A
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

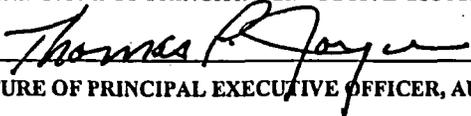
CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A	
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)	
	06/15/2006	856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 484A SW Outfall 484A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	441	448	MGD	*****	*****	*****	*****	0	1/DAY	CALCTD	
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****					
	QL	*****	*****		*****	*****	*****					
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	7.7	SU	0	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	6.0 01DAMN	*****					9.0 01DAMX
	QL	*****	*****		*****	*****	*****					*****
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	0	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01DAMN	*****					REPORT 01DAMX
	QL	*****	*****		*****	*****	*****					*****
LC50 Statre 96hr Acu Cyprinodon TAN6A 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code = N	*****	*****	%EFFL	0	Code = N 2/Year	Code = N COMPOS	
	PERMIT REQUIREMENT	*****	*****		*****	50 01DAMN	*****					*****
	QL	*****	*****		*****	*****	*****					*****
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code = N	Code = N	MGL	0	Code = N 3/Week	Code = N GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	0.5 01MOAV					0.5 01DAMX
	QL	*****	*****		*****	*****	*****					*****
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	0	3/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV					0.2 01DAMX
	QL	*****	*****		*****	*****	*****					*****

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 484A SW Outfall 484A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER	<input checked="" type="checkbox"/>	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC	SAMPLE MEASUREMENT	*****	*****		*****	28.0	34.1		Q	1/DAY	CONTIN
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
	QL										
Lab Certification #	SAMPLE MEASUREMENT	17327	06431		17451						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT AP
	QL										

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 485A – SW Outfall 485A
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem	N/A	
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)	
	06/15/2006	856-339-2086
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE	AREA CODE/PHONE NUMBER

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

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

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 485A SW Outfall 485A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	396	427	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.6	SU	Q	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX				
	QL	*****	*****		*****	*****	*****				
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	Q	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX				
	QL	*****	*****		*****	*****	*****				
LC50 Statre 96hr Acu Cyprinodon TANSA 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	Q	Code = N 2/Year	Code = N COMPOS
	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****				
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	MGL	Q	Code = N 3/Week	Code = N GRAB
	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX				
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	Q	3/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX				
	QL	*****	*****		*****	*****	*****				

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 485A SW Outfall 485A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, °C 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	27.9	31.8		1	1/DAY	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
	QL										
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		17451						
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL										

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0005622	Month	Day	Year	To	Month	Day	Year	486A – SW Outfall 486A
	5	1	2006		5	31	2006	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:

No Discharge this Monitoring Period

Monitoring Report Comments Attached

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

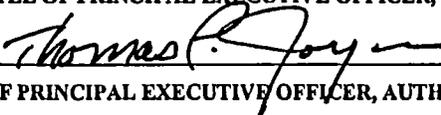
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Thomas P. Joyce, Site Vice President - Salem

N/A

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

GRADE AND REGISTRY NUMBER (IF APPLICABLE)



06/15/2006

856-339-2086

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

DATE

AREA CODE/PHONE NUMBER

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

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

N/A

N/A

N/A

N/A

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 486A SW Outfall 486A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	408	460	MGD	*****	*****	*****	*****	Q	1/DAY	CALCTD	
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD	
	QL	*****	*****		*****	*****	*****		*****	*****	*****	
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.7	SU	Q	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	6.0 01DAMN	*****		9.0 01DAMX	*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****	*****	*****	
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.9	SU	Q	1/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01DAMN	*****		REPORT 01DAMX	*****	1/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****	*****	*****	
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	MGL	Q	Code=N	Code=N	
	PERMIT REQUIREMENT	*****	*****		*****	*****	0.5 01MOAV		0.5 01DAMX	*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****	*****	*****	
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	Q	3/Week	GRAB	
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV		0.2 01DAMX	*****	3/Week	GRAB
	QL	*****	*****		*****	*****	*****		*****	*****	*****	
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	27.7	31.6	DEG.C	Q	1/DAY	CONTIN	
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV		REPORT 01DAMX	*****	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

PI 46814

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 486A SW Outfall 486A
 MONITORING PERIOD: 5/1/2006 TO 5/31/2006
 FACILITY NAME: PSEG NUCLEAR LLC SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Lab Certification #	SAMPLE MEASUREMENT	17327	06431		17451						
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT APPLICABLE
	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.

New Jersey Department of Environmental Protection
Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT NJ0005622	MONITORING PERIOD						MONITORED LOCATION: 487B – SW Outfall 487B
	Month 5	Day 1	Year 2006	To	Month 5	Day 31	

PERMITTEE:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NEAK RD - PO BOX
236/N21
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSE&G NUCLEAR LLC
ALLOWAY CREEK NECK RD
LOWER ALLOWAYS CREEK, NJ 08038-0000

REPORT RECIPIENT:

PSE&G NUCLEAR LLC
PO BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE:



No Discharge this Monitoring Period



Monitoring Report Comments Attached

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

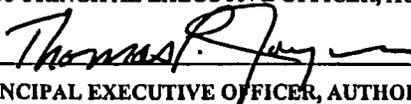
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Thomas P. Joyce, Site Vice President - Salem

N/A

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

GRADE AND REGISTRY NUMBER (IF APPLICABLE)



06/15/2006

856-339-2086

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

DATE

AREA CODE/PHONE NUMBER

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

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N/A

N/A

N/A

N/A

NAME AND TITLE

SIGNATURE

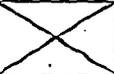
DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER: NJ0005622 MONITORED LOCATION: 489A SW Outfall 489A MONITORING PERIOD: 5/1/2006 TO 5/31/2006 FACILITY NAME: PSEG NUCLEAR LLC, SALEM GENERATING

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.0123	0.0123	MGD	*****	*****	*****	*****	Q	1/Month	CALCTD
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
pH	SAMPLE MEASUREMENT	*****	*****	*****	8.1	*****	8.1	SU	Q	1/Month	GRAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX				
	QL	*****	*****		*****	*****	*****				
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****	*****	26	26	*****	MGL	Q	1/Month	GRAB
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		100 01DAMX	730 01MOAV	*****				
	QL	*****	*****		*****	*****	*****				
Petroleum Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1	MGL	Q	1/Month	GRAB
00551 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX				
	QL	*****	*****		*****	*****	*****				
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	6	MGL	Q	1/Month	GRAB
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX				
	QL	*****	*****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	17327	06431	*****	17451			*****	Q		
99999 99 Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #				
	QL	*****	*****		*****	*****	*****				

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