

LR-E05-0322 June 22, 2005

New Jersey Department of Environmental Protection Division of Water Quality Bureau of Permit Management P.O. Box 029 Trenton, NJ 08625-0029 Certified Mail Number 7003 0500 0003 4363 8985

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORTS SALEM GENERATING STATION PERMIT NO. NJ0005622

Attached is the Discharge Monitoring Report for Salem Generating Station containing the information as required in Permit No. NJ0005622, for the month of May 2005.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and 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 is controlled by EPA and 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 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.

Sincerely

Thomas P. Joyce

Site Vice President -Salem

**Attachments** 

C Executive Director – DRBC
USNRC – Document Control Desk Unit#1-50-272 Unit#2-50-311
Director – Regulatory Assurance
C. McAuliffe, Esq.
D. Hurka

E. Keating SCH05-019 The following excursions are included in the attached report and are explained below. Excursions have not endangered nor significantly impacted public health or the environment.

DSN NO.

**EXPLANATION** 

487

See attached 5-day report

PSEG Nuclear LLC P.O. Box 236, Hancocks Bridge, New Jersey 08035-0236





MAY 1 2 2005

LR-E05-0273

Certified Mail
Return Receipt Requested
Article Number: 7004 2510 0005 2135 8384

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. 05-05-07-1322-42 Five Day Report

#### Dear Sir/Madam:

In accordance with N.J.A.C. 7:14A-6.10, PSEG Nuclear LLC is submitting this report concerning a release of water containing a concentration of 40 parts per billion (ppb) hydrazine through Discharge Serial Number (DSN) 489. The discharge was reported to the New Jersey Department of Environmental Protection (NJDEP) hotline and assigned case number 05-05-07-1322-42. This discharge was also reported to the Nuclear Regulatory Commission and assigned event number 41679. 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 7, 2005 at approximately 1057 hours, a Unit 1 plant operator observed that the Unit 2 hot well was causing the raw water basin to overflow to nearby building sumps. Salem Unit 2 was in the process of exiting a maintenance/refueling outage. As part of this restart process, water used for the wet lay-up of the steam generators is routed to the raw water basin for reuse by the demineralization plant. The water that accumulated in the raw water basin, however, overflowed and drained to the building

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Administrator of Water Compliance and Enforcement LR-E05-0273

sumps. The demineralization plant was in operation, but at a flow rate lower then the flow to the raw water basin. One of these sumps (TGA 13) is aligned to drain to the Oil Water Separator (OWS), which discharges to the Delaware River via DSN 489. Upon discovery by the plant operator, the pump was shut-off (approximately 1100 hours) and other plant personnel were alerted. Chemistry personnel dispatched to the Oil Water Separator isolated this system at approximately 1130 hours. Samples of the water at the outfall of DSN 489 were taken at approximately 1145 hours and found the concentration of hydrazine in the water was 40 parts per billion (ppb).

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

PSEG Nuclear is conducting an investigation in accordance with our problem identification and resolution process. A report of the results of this investigation will be sent to NJDEP after the investigation is completed.

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 discovering the Unit 2 hot well was overflowing to the raw water basin and then the turbine building sumps, the operator immediately turned the 13 TGA turbine building sump pump off to stop any further pumping of material to the piping draining to the Oil Water Separator (approximately 1100 hours). The water within the 13 TGA turbine building sump was then sampled and the presence of hydrazine confirmed. Chemistry personnel dispatched to the Oil Water Separator isolated the Oil Water Separator at approximately 1130 hours. The excess water inside the turbine building was routed to the Non-Radioactive Liquid Waste Disposal System, which is designed and permitted to treat water containing hydrazine. Excess water within the Oil Water Separator was neutralized with hydrogen peroxide. Based upon visual observation and the low concentration of hydrazine detected in the waste water, it is believed there was little to no threat to human health or 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 plant conditions that would have led to the overflow of the raw water basin did not occur until May 7th at approximately 0305 hours. Part of the investigation into this incident is focused on trying to assess at what point the raw water basin and 14 TGA turbine building sump capacity was exceeded. This timetable will provide an estimate of the amount of water potentially discharged to the Oil Water Separator and therefore the maximum discharged to the Delaware River through DSN 489. The overflowing turbine building sumps were discovered at 1057 hours, and the Oil Water Separator was isolated at 1130 hours. Therefore, the maximum alignment of this flow path was

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Administrator of Water Compliance and Enforcement LR-E05-0273

present for no more then 8 hours and 25 minutes.

#### 5. The cause of the noncompliance;

The bypass of water from its usual treatment pathway to the Oil Water Separator and DSN 489 was caused by the overflow of water from the raw water basin to the turbine building sumps. The cause of the apparent upset and overflow is currently under investigation. A report of the results of the investigation will be transmitted to the NJDEP after the investigation is completed.

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

The noncomplying discharge has been eliminated. Steps to prevent reoccurrence will be identified, developed and implemented following completion of the investigation of the incident. Since this event occurred during an outage timeframe, the steps being taken to prevent reoccurrence will not likely be placed in service until the next maintenance/refueling outage. PSEG Nuclear will inform NJDEP of these steps when it submits the report of the results of the investigation.

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

Based upon visual observation and the low concentration of hydrazine detected in the waste water, it is believed 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

We will be submitting additional information to NJDEP upon completion of the investigation, including additional information to support our claim for an affirmative defense, if warranted. If you have any questions regarding this information, please contact Mr. Clifton Gibson of my staff at (856) 339-2686.

Sincerely,

Christina L. Perino

Director - Regulatory Assurance

Administrator of Water Compliance and Enforcement LR-E05-0273

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

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

# Administrator of Water Compliance and Enforcement LR-E05-0273

BC Site Vice President - Salem
Plant Manager - Salem
Christina Perino
Lary Aldrich
James Eggers
Brian Dericks
Christopher McAuliffe
Dave Hurka
Ed Keating
Cliff Gibson
NBS RM 64
File 2.1.1 Salem

#### 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 Thomas P. Joyce, Site Vice President of 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 have reviewed the attached Discharge Monitoring Reports. Pursuant to N.J. A. C. 7:14A-2.4, 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 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 methis 22 day of June 2005

SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires

#### MAPLEWOOD TESTING SERVICES PEPORT



TO: David Hurka

Nuclear Specialist

PSEG

June 6, 2005 Report No. TP05030

SUBJECT: DETERMINATION OF CIRCULATING WATER FLOW AT

SALEM GENERATING STATION

CONDUCTED BY: Victor Simpson

Sr. Test Engineer, Maplewood Testing Services

#### SUMMARY

The Mechanical Division of Maplewood Testing Services conducted a series of test runs at Salem Unit No. 2 to determine the capacities of the circulating water pumps shown in the table below.

Work was performed under SAP work orders: 30105007, 30104954, 30104955, 30108761, 30105008, 30105009

Final results are as follows:

#### SUMMARY OF TEST RESULTS

| Pump  | CMS    | Test       | Measured | · Pump   | Pump .     | Total    |
|-------|--------|------------|----------|----------|------------|----------|
| No.   | Pump   | Date       | Pump     | Suction  | Discharge  | Static   |
| ļ · · | Desig. | •          | Capacity | Head     | Head       | Head     |
|       |        |            | (gpm)    | (ft h2o) | · (ft h2o) | (ff h2o) |
| · 21A | G      | 05/24/05   | 167098   | -7.1     | 13.2       | 20.3     |
| . 21B | D      | 05/24/05   | 155629   | 6.5      | • 16.7     | 23.2     |
| 22A   | K.     | 05/24/05   | 155947   | · -7.0   | 14.7       | · 21.7   |
| 22B   | N      | 05/24/05   | 139618   | 8.0      | 18.2       | 26.2     |
| 23A   | B      | _05/24/05_ | 140760   | -8.5     | . 21.9     | 30.4     |
| - 23B | . F    | 05/24/05   | . 140253 | 9.2      | .15.7      | 24.9     |

Note: Pump suction heads and discharge heads corrected to elevation 100'

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David Hurka Nuclear Specialist PSEG June 8, 2005 · Report No. TP05030

#### SUMMARY (Cont'd)

For reporting purposes, shown below is the data pertinent to the injection of Rhodamine WT dye released to the river during testing. Testing is complete at this station.

#### RECORD OF RHODAMINE WT DYE INJECTION

| Test     | Pump | Inje    | ction . | Pure     | Number of | Total       | Efficent                                     |
|----------|------|---------|---------|----------|-----------|-------------|--|
| Date     | No.  | Ti      | me      | Dye      | Pumps in  | System      | Concentration                                |
|          |      |         |         | Injected | Service   | Flow        | · •  |
| 1        |      | (start) | (stop)  | (ml)     |           | (1000 gpm)  | (dqq)  |
| 05/24/05 | 21A  | 1014    | 1080    | 23.73    | 12        | 2220.0      | 10.18  |
| 05/24/05 | 21B  | 1047    | 1108    | 30.90    | 12        | 2220,0      | 81.0   |
| 05/24/05 | 22A  | 1310    | 1326    | 23.63    | 12        | 2220,0      | 0.18   |
| 05/24/05 | 22B  | 1359    | 1418    | 28.14    | 12        | 2220.0      | 0.18   |
| 05/24/05 | 28A  | 1428    | 1444    | 23.30    | 12        | 2220.0      | D.17   |
| 05/24/05 | 238  | 1456    | 1513    | 24.59    | 12        | 2220.0      | 0.17   |
|          |      |         |         |          |           |             |  |
|          |      |         | ·       |          | ·         | <del></del> |  |
|          |      | <u></u> |         |          |           |             | -  |
|          |      |         |         | ļ        | ļ         |             | <u>                                     </u> |
|          |      | 1       |         | <u> </u> |           | l           |  |

#### TEST METHOD

The circulating water flow rate was determined by fluorometry using MTS Mechanical Division Work Instruction TPG-19 Rev. 7 "Water Flow Using The Turner Fluorometer". Rhodamine WT dye was injected into the bell mouth of each pump using 1/2 inc PVC pipe with a carrier flow of screen wash water at 3 gallons per minute.

The dye was injected at a known rate using a peristaltic pump and a class A burette to measure rate. The diluted sample was retrieved and monitored by taking a sample from the inlet water box piping. The ratio of the injected concentration to the sample concentration multiplied by the injection flow rate yielded the circulator flow rate.

The total static head was obtained by measuring the pump suction head in feet from elevation

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David Hurka
Nuclear Specialist
PSEG

June 6, 2005 Report No. TP05030

#### TEST METHOD (Cont'd)

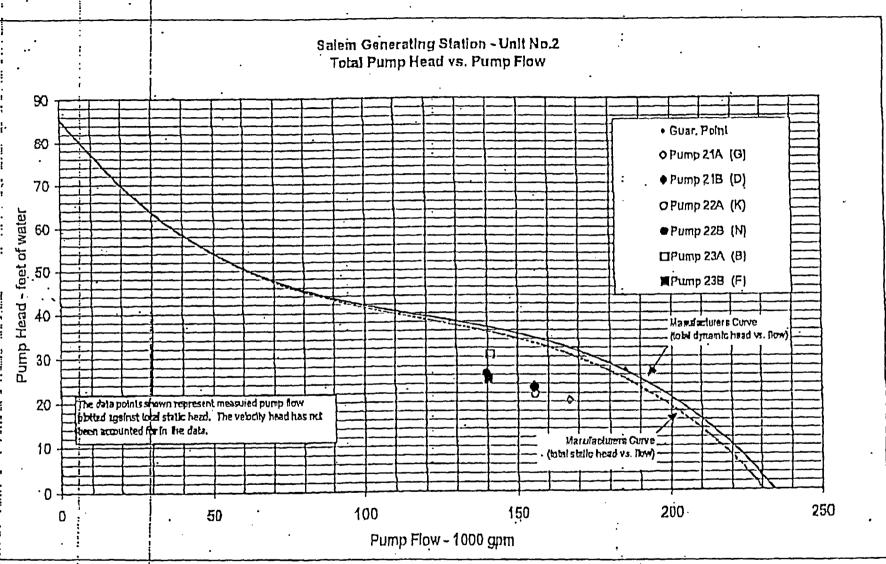
100' and the pump discharge head in feet of water at the water box inlet. After correcting for elevation, the total pump head was calculated as the pump discharge head minus the pump suction head.

Senior Supervising Test Engineer MTS Mechanical Division

C R. Swartzwelder

D:\My Documents\report.doc





" Maplewood Testing Services

Report No. TPDSQJD

5/ 2005

| NJPDES PERMIT   | MONITORING PERIOD   | MONITO   | RED LOCATION:   |
|---|---|--|---|
| NJ0005622   | Month         Day         Year           05         1         2005   To           Month         Day         Year           05         31         2005   | FACA – SW O  | utfall FACA   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803   | LOWER ALLOWAYS CREEK, NJ 08038-000  | REPORT REC PSE&G NUCLEAR PO BOX 236/N21 HANCOCKS BRID  | LLC   |
|   | REGION / COUNTY: Southern / Salem   | County   |   |
| CHECK IF APPICABLE:   | No Discharge this Monitoring Period   | Monitoring Report Co   | mments Attached   |
| responsibility or person designs<br>another entity to operate the tre<br>I certify under penalty of law that, based on my inquiry of the<br>complete. I am aware that the | hest ranking operator does not have the ability to authorize capitated 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 informatise individuals immediately responsible for obtaining the information are significant penalties for submitting false information, included by Jersey water Pollution Control Act provides for penalties up | ottom of this page. If the shall sign the certification submitted in this docation, I believe that the inding the possibility of a | e local agency has contracted with on.  ument and all attachments, and formation is true, accurate and addor imprisonment, pursuant |
| Thomas P. Joyce,  | Site Vice President – Salem   |  | <u>N/A</u>  |
|   | EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERAT  | OR GRADE AND RE<br>06/16/2005  | EGISTRY NUMBER (IF APPLICABLE)<br>856-339-2086  |
|   | UTIVE OFFICER, AVTHORIZED AGENT, OR *LICENSED OPERATOR  | DATE   | AREA CODE/PHONE NUMBER  |
| person designated by that person.   | lest-ranking operator does not have the ability to authorize capital expendent of the following certification:  |  | <del>,</del> , , , ,  |
| I certify under penalty of law and  | n accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attac  | hed discharge monitoring re  | eports.   |
| N/A   | N/A   | <u>N/A</u>   | <u>N/A</u>  |
| NAME AND TITLE  | SIGNATURE   | DATE   | AREA CODE/PHONE NUMBER  |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACA SW Outfall FACA

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                       | X                     | QUANTITY   | OR LOADING   | UNITS | QUALI  | TY OR CONCENTE   | IATION   | UNITS | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE   |
|---------------------------------|-----------------------|--|--|-------|--|--|--|-------|------------|----------------------|--|
| Temperature, oC                 | SAMPLE<br>MEASUREMENT | *****  | *****  |       | *****  | 17.0   | 20.0   |       | 0          | CONTINUUS            | CONTIN   |
| 00010 G<br>Raw Sew/influent     | PERMIT<br>REQUIREMENT |  |  | ***** |  | REPORT<br>01MOAV   | REPORT<br>01DAMX   | DEG.C |            | Continuous           | CONTIN   |
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| Temperature,<br>oC              | SAMPLE<br>MEASUREMENT | *****  | *****  |       | *****  | 25.7   | 28.1   |       | {          | Continuous           | CONTIN   |
| 00010 1<br>Effluent Gross Value | PERMIT<br>REQUIREMENT |  |  | ***** |  | REPORT<br>01MOAV   | 43.3<br>01DAMX   | DEG.C |            | Continuous           | CONTIN   |
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| 00010 2<br>Effluent Net Value   | PERMIT AT REQUIREMENT | **************************************   |  | ••••• | THE STATE OF THE S | REPORT<br>01MOAV   | 15.3<br>ÖİDAMX   | DEG.C |            | 1/Day                | CALCTD   |
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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  | MONITO  | RED LOCATION:   |
|--|--|---|---|
| NJ0005622  | Month         Day         Year           05         1         2005   To Month Day Year 05 31 2005  | FACB – SW Ou  | ıtfall FACB   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | LOWER ALLOWAYS CREEK, NJ 08038-0000  | REPORT RECI<br>PSE&G NUCLEAR<br>PO BOX 236/N21<br>HANCOCKS BRID   | LLC   |
|  | REGION / COUNTY: Southern / Salem C  | County  |   |
| CHECK IF APPICABLE:  | ☐ No Discharge this Monitoring Period ☐  | Monitoring Report Con   | nments Attached   |
| the certification. Where the hig responsibility or person designa another entity to operate the treat I certify under penalty of law the that, based on my inquiry of the complete. I am aware that ther | the a person designated by that person. For a local agency, the high thest ranking operator does not have the ability to authorize capital ted by that person shall also sign the second certification at the boutment works, the highest-ranking official of the contracted entity at I have personally examined and am familiar with the informations individuals immediately responsible for obtaining the information are significant penalties for submitting false information, including the second certification. New Jersey water Pollution Control Act provides for penalties up | expenditures and hire pattom of this page. If the shall sign the certification submitted in this docution, I believe that the infling the possibility of an | ersonnel, a person having that local agency has contracted with on.  ment and all attachments, and formation is true, accurate and ad/or imprisonment, pursuant |
| Thomas P. Joyce,   | Site Vice President - Salem  | ·   | N/A   |
| Thomas T   | UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO  UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR  | OR GRADE AND RE   | GISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER   |
| *For a local agency where the high   | nest-ranking operator does not have the ability to authorize capital expending the following certification:  |   |   |
| I certify under penalty of law and in  | n accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attach  | ed discharge monitoring re  | 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 NUMBER  |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACB SW Outfall FACB

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                       | X                      | QUANTITY   | OR LOADING   | UNITS | QUALI  | TY OR CONCENTR   | ATION   | UNITS | NO.<br>EX.                             | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------------------|------------------------|--|--|-------|--|--|---|-------|--|----------------------|----------------|
| Temperature, oC                 | SAMPLE<br>MEASUREMENT  | *****  | *****  |       | 4,****   | 17.0   | 20.0  |       | 0                                      | Centinuous           | CONTIN         |
| 00010 G<br>Raw Sew/influent     | PERMIT<br>REQUIREMENT. | A STATE OF THE STA |  | ***** |  | REPORT<br>01MOAV   | REPORT 01DAMX   | DEG.C |  | Continuous           | CONTIN         |
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| 00010 1<br>Effluent Gross Value | PERMIT REQUIREMENT     |  |  | ***** |  | REPORT-<br>01MOAV  | 43.3<br>01DAMX  | DEG.C |  | Continuous           | CONTIN         |
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| Temperature,<br>oC              | SAMPLE<br>MEASUREMENT  | *****  | *****  |       | *****  | 5.7  | 9. 9  |       | 0                                      | 1/Day                | CALCTO         |
| 00010 2<br>Effluent Net Value   | PERMIT                 |  |  |       |  | REPORT<br>01MOAV   | 15.3<br>01DAMX  | DEG.C |  | 1/Day                | CALCTD         |
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| Lab Certification #             | SAMPLE<br>MEASUREMENT  |  | 06431  |       | PA343  | 17451  |   |       |  |                      |                |
| 99999 99<br>Lab                 | PERMIT                 | REPORT.  | REPORT Lab #   |       | REPORT   | REPORT Lab #   | REPORT Lab #  |       | 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Not Applic           | NOT AP         |
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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 PEI   | RIOD   | MONITO   | RED LOCATION:   |
|---|--|--|--|---|
| NJ0005622   | T <sub>n</sub>   | nth Day Year<br>5 31 2005  | FACC – SW O  | ıtfall FACC   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803   | LOWER ALLOWAYS   | .C   | REPORT RECI<br>PSE&G NUCLEAR<br>PO BOX 236/N21<br>HANCOCKS BRID  | LLC   |
|   | REGION / COUN  | TY: Southern / Salem   | County   |   |
| CHECK IF APPICABLE:   | No Discharge this Monitoring P   | eriod  | ] Monitoring Report Con  | nments Attached   |
| the certification or, in his absenthe certification. Where the high responsibility or person designation another entity to operate the tree. I certify under penalty of law that, based on my inquiry of the complete. I am aware that ther | est ranking official having day-to-day mance a person designated by that person. Fo thest ranking operator does not have the abted by that person shall also sign the secont ment works, the highest-ranking official at I have personally examined and am fance individuals immediately responsible for are significant penaltics for submitting New Jersey water Pollution Control Act p | a local agency, the hig<br>ility to authorize capita<br>nd certification at the bo<br>of the contracted entity<br>illiar with the informati<br>r obtaining the informa<br>false information, inclu | chest ranking operator of the expenditures and hire proton of this page. If the explanation is shall sign the certification submitted in this document in the infeding the possibility of an | the treatment works shall sign ersonnel, a person having that local agency has contracted with en.  ment and all attachments, and formation is true, accurate and d/or imprisonment, pursuant |
| Thomas P. Joyce,  | Site Vice President - Salem  |  |  | N/A   |
| NAME AND TITLE OF PRINCIPAL   | EXECUTIVE OFFICER, AUTHORIZED AGENT,   | OR *LICENSED OPERAT  | OR GRADE AND RE  | GISTRY NUMBER (IF APPLICABLE)  856-339-2086   |
| SIGNATURE OF PRINCIPAL EXEC   | JTIVE/OFFICER, AUTHORIZED AGENT, OR 🛧  | ICENSED OPERATOR   | DATE   | AREA CODE/PHONE NUMBER  |
| *For a local agency where the high<br>person designated by that person s  | est-ranking operator does not have the ability<br>hall sign the following certification:   | to authorize capital expe  | nditures and hire personnel,   | 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 attacl   | ned discharge monitoring rep   | norts.  |
| <u>N/A</u>  | N/A  |  | <u>N/A</u>   | <u> </u>  |
| NAME AND TITLE  | SIGNATURE  |  | DATE   | AREA CODE/PHONE NUMBER.   |

MONITORED LOCATION:

MONITORING PERIOD:

**FACILITY NAME:** 

NJ0005622

**FACC SW Outfall FACC** 

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                                   | X                      | QUANTITY C       | QUANTITY OR LOADING UN   |          | QUALITY OR CONCENTRATION   |  |   | UNITS    | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---|------------------------|------------------|--|----------|--|--|---|----------|------------|----------------------|----------------|
| Flow, In Conduit or<br>Thru Treatment Plant | SAMPLE<br>MEASUREMENT  | 2224             | 2625   |          | *****  | *****  | *****                                       |          | 0          | 1/Doy                | CALCTO         |
| 50050 G<br>Raw Sew/influent                 | PERMIT<br>REQUIREMENT  | 3024<br>01MOAV   | REPORT<br>01DAMX   | MGD      |  |  |   |          |            | 1/Day                | CALCTD         |
| <u></u>                                     | / CLUSSE               | Time Head        | Samuel Comments of the Comment | <u> </u> | A CONTRACTOR OF THE PARTY OF TH | The state of the s | 14 7 14 14 14 14 14 14 14 14 14 14 14 14 14 | <u> </u> | 1 2 3 4 4  | illed Correction     | Legister (Dec  |
| Thermal Discharge<br>Million BTUs per Hr    | SAMPLE<br>MEASUREMENT  | 11470            | 14489  | }        | ******   | *****  | *****                                       |          | 0          | 1/Day                | CALCTO         |
| 00015 2<br>Effluent Net Value               | PERMIT<br>REQUIREMENT. | REPORT<br>01MOAV | 30600<br>01DAMX  | мвти/ня  | ######################################   |  |   | •••••    |            | 1/Day                | CALCTD         |
|   | THE CL.                | AND THE SECTION  | Colorana - Armedian  | }        | The state of the s | TOTOTO ANALYTICS   | The second second                           | Ĭ        |            | The second           |                |
| Lab Certification #                         | SAMPLE<br>MEASUREMENT  | 17327            | 06431  |          | PA 343   | 17451  |   |          |            |                      |                |
| 99999 99<br>Lab                             | PERMIT                 | REPORT           | REPORT   |          | REPORT   | REPORT   | REPORT                                      | 1        |            | Not Applic           | NOT AP         |
|   | a Que                  |                  | AND THE RESERVE  | 1        | Section of the   | Holling works and  | Steel Service live                          |          | 4 6        | Ewie 12.             | THE STATE OF   |

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".

|  | MONITORING PERIOD  | MONITO   | RED LOCATION:  |
|--|--|--|--|
| NJ0005622  | Month         Day         Year           05         1         2005   To Month Day Year 05 31 2005  | 048C – SW Out  | fall 48C   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | LOWER ALLOWAYS CREEK, NJ 08038-0000  | REPORT RECI<br>PSE&G NUCLEAR<br>PO BOX 236/N21<br>HANCOCKS BRIDG   | LLC  |
|  | REGION / COUNTY: Southern / Salem C  | County   |  |
| CHECK IF APPICABLE:  | ☐ No Discharge this Monitoring Period ☐  | Monitoring Report Com  | ments Attached   |
| responsibility or person designa   | thest ranking operator does not have the ability to authorize capital ated by that person shall also sign the second certification at the botatment works, the highest-ranking official of the contracted entity:  | tom of this page. If the   | local agency has contracted with   |
| that, based on my inquiry of the<br>complete. I am aware that the  | nat I have personally examined and am familiar with the informationse 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   | n submitted in this docu<br>ion, I believe that the infi<br>ing the possibility of an  | ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant   |
| that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The   | nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informatione are significant penalties for submitting false information, include   | n submitted in this docu<br>ion, I believe that the infi<br>ing the possibility of an  | ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant   |
| that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The  Thomas P. Joyce,   | nat I have personally examined and am familiar with the informationse 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   | n submitted in this docur<br>ion, I believe that the infi<br>ing the possibility of and<br>to \$50,000 per violation.  | ment and all attachments, and ormation is true, accurate and differ imprisonment, pursuant   |
| that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The  Thomas P. Joyce,   | nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ACTION  | n submitted in this docur<br>ion, I believe that the infi<br>ing the possibility of and<br>to \$50,000 per violation.  | ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant   |
| that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL   | nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ACTION  | n submitted in this document, I believe that the infing the possibility of and to \$50,000 per violation.  GRADE AND REC   | ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant  N/A  SISTRY NUMBER (IF APPLICABLE)   |
| that, based on my inquiry of the complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  SIGNATURE OF PRINCIPAL EXECT  *For a local agency where the high                                  | nat I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information of the are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ALL PROPERTY OF THE PROPERTY O | n submitted in this document, I believe that the infing the possibility of and to \$50,000 per violation.  GRADE AND RECONSTRUCTOR O6/16/2005  DATE                              | ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant  N/A  GISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER   |
| that, based on my inquiry of the complete. I am aware that their to N.J.A.C. 7:14A-6.9(B). The  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  SIGNATURE OF PRINCIPAL EXECT  *For a local agency where the hig person designated by that person | nat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information of the are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR | on submitted in this document, I believe that the inficient the possibility of and to \$50,000 per violation.  OR GRADE AND RECURE O6/16/2005  DATE  ditures and hire personnel, | ment and all attachments, and ormation is true, accurate and difor imprisonment, pursuant  N/A  SISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER a person having that responsibility of |
| that, based on my inquiry of the complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTE.  *For a local agency where the hig person designated by that person | nat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information of the are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR | on submitted in this document, I believe that the inficient the possibility of and to \$50,000 per violation.  OR GRADE AND RECURE O6/16/2005  DATE  ditures and hire personnel, | ment and all attachments, and ormation is true, accurate and difor imprisonment, pursuant  N/A  SISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER a person having that responsibility of |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

048C SW Outfall 48C

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| <del></del>                              |                        |  |  |       |  |  |  |       | r        |  |  |
|--|------------------------|--|--|-------|--|--|--|-------|----------|--|--|
| PARAMETER                                | ><                     | QUANTITY C   | OR LOADING   | UNITS | QUALI  | TY OR CONCENTR   | ATION  | UNITS | NO.      | FREQ. OF<br>ANALYSIS   | SAMPLE<br>TYPE   |
| Flow, In Conduit or Thru Treatment Plant | SAMPLE<br>MEASUREMENT  | 0.239/   | 0.4628   |       | *****  | *****  | ****   |       | 0        | 11Day  | CAKCTO   |
| 50050 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  | REPORT<br>01MOAV   | REPORT<br>01DAMX   | MGD   | The state of the s |  |  | ***** |          | 1/Day  | CALCTD   |
|  | 深 QL 深意                | municipal annia antiqui su   | Company against the Company of the C |       | The part weeks the little  | INTERIOR SOLDER  | TO THE STREET AND THE STREET   |       | nest.    |  |  |
| Solids, Total<br>Suspended               | SAMPLE<br>MEASUREMENT  | *****  | *****  |       | *****  | 7  | 8  |       | 0        | 2/Month  | COMPOS   |
| 00530 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  | ***** |  | 30<br>OTMOAV   | 100<br>01DAMX  | MG/L  |          | 2/Month  | COMPOS   |
|  | <b>EXCLUSS</b>         | ではなって、 本の本本の からいかい   | STATE SACRETTION OF THE SECOND   |       | Development of History   | Trible town let all  | HER THE STATE OF T |       | 10       | The Late of the La |  |
| Nitrogen, Ammonia<br>Total (as N)        | SAMPLE<br>MEASUREMENT  | *****  | 44444  |       | *****  | a  | 2  |       | 0        | 2/Month  | corros   |
| 00610 1<br>Effluent Gross Value          | PERMIT                 | **************************************   | A STATE OF THE STA | ***** |  | 35<br>01MOAV   | 70<br>01DAMX   | MG/L  |          | 2/Month  | COMPOS   |
|  | SECURE                 | The Contraction of the State of | The transmission of the profits  | }     | NUMBER OF STREET   | WAS THE STATE OF T | SEE SHOULD BE  | 1     | . in 1 . | 7.5 T. 29.4-10   | 12 40 41 45  |
| Petroleum<br>Hydrocarbons                | SAMPLE<br>MEASUREMENT  | *****  | *****  |       | *****  | ,  | ,  |       | 0        | 2/Month  | GRAB   |
| 00551 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  |       | 41.00 PM 100 PM  | 10<br>Ó1MOAV   | 15<br>01DAMX   | MG/L  | 777 ·    | 2/Month  | GRAB   |
| <u> </u>                                 | COL XX                 | ALLE CONTRACTOR  | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |       | ्रे प्राप्त कर्षेत्रके के कि कार्य कर करते.<br>संक्षित कर कार्यक्त कार्य कर करते कार्य   | (アンストラスを基本を表す。<br>アンストラストラストラストラストラストラストラストラストラストラストラストラストラス   | The state of the s |       |          |  | in the state of th |
| Carbon, Tot Organic (TOC)                | BAMPLE<br>MEASUREMENT  | ******   | *****  |       | *****  | 3  | 4  |       | 0        | 2/Month  | compes   |
| 00680 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1   |       | A Parish of State of  | REPORT   | 50<br>01DAMX   | MG/L  |          | 2/Month  | COMPOS   |
|  | No OLAL                |  | Control added to the control of the  | ]     | Trent distance of the  | KARAMAN KARA   | Branch Control   |       | 16.3%    |  |  |
| Lab Certification #                      | SAMPLE.<br>MEASUREMENT | 17327  | 0643/  |       | PA 343   | 17451  |  |       |          |  |  |
| 99999 99<br>Lab                          | PERMIT                 | REPORT   | REPORT   |       | REPORT   | REPORT   | REPORT   |       |          | Not Applic   | NOT AP   |
|  | ESTOLETY               | CONTRACTOR OF THE PARTY  | STATE STATE OF THE |       | Sales Commence   | A CONTRACTOR   | AND  |       | 7        | Sile San   | 4  |

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           05         1         2005   To Month Day 05 31  | Year     481A – SW Outfall 481A   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | LOWER ALLOWAYS CREEK, NJ   | PSE&G NUCLEAR LLC<br>PO BOX 236/N21   |
|  | REGION / COUNTY: Southe  | rn / Salem County   |
| CHECK IF APPICABLE:  | No Discharge this Monitoring Period  | Monitoring Report Comments Attached   |
| the certification. Where the hig responsibility or person designa another entity to operate the treation of law that, based on my inquiry of the complete. I am aware that there | nest ranking operator does not have the ability to authorized by that person shall also sign the second certification it ment works, the highest-ranking official of the contract I have personally examined and am familiar with the se individuals immediately responsible for obtaining t | e information submitted in this document and all attachments, and the information, I believe that the information is true, accurate and ation, including the possibility of and/or imprisonment, pursuant |
| Thomas P. Joyce,   | Site Vice President - Salem  | <u>N/A</u>  |
| NAME AND TITLE OF PRINCIPAL  | EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENS  | ED OPERATOR GRADE AND REGISTRY NUMBER (IF APPLICABLE)   |
| Thomas   | est for  | 06/16/2005 856-339-2086   |
| SIGNATURE OF PRINCIPAL EXEC  | TIVE OFFICER AUTHORIZED AGENT, OR *LICENSED OF   | PERATOR DATE AREA CODE/PHONE NUMBER   |
|  | est-ranking operator does not have the ability to authorize a<br>hall sign the following certification:  | capital expenditures and hire personnel, a person having that responsibility or   |
| I certify under penalty of law and i   | accordance with N.J.S.A. 58:10A-6F(5) that I have review   | red the attached discharge monitoring reports.  |
|  | N/A  | <u> </u>  |
| NAME AND TITLE   | SIGNATURE  | DATE AREA CODE/PHONE NUMBER   |

| P | E | R | М | IT. | N | JM | B | ER: |  |
|---|---|---|---|-----|---|----|---|-----|--|
|---|---|---|---|-----|---|----|---|-----|--|

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

481A SW Outfall 481A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER  Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value  PERMIN REQUIREM REQUIREM PH | MENT<br>T AENT | QUANTITY O   | PR LOADING  484  REPORT 01DAMX   | UNITS            | OUALI                                   | TY OR CONCENTR   | ATION  | UNITS | NO.<br>EX.  | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE                           |
|---|----------------|--|--|------------------|---|--|--|-------|---|----------------------|--|
| Thru Treatment Plant  50050 1  Effluent Gross Value  PERMIT REQUIREM PARM PARM PARM PARM PARM PARM PARM PAR   | MENT<br>T AENT | REPORT<br>01MOAV   | REPORT<br>01DAMX   | MGD              | ******<br>National matters at the       | *****  | *****  |       |   | 1.                   |  |
| Effluent Gross Value  | MENT.          | 01MOAV   | 01DAMX   | MGD              | programme to the second                 |  | 1  |       | 0   | 1/Pay                | CALCTD                                   |
| pH .  | E              | AND AND THE PARTY OF THE   | ***************************************  |                  |   |  |  | ***** |   | 1/Day                | CALCTD                                   |
| l Hal   | MENT           |  | Table for its the same of the  |                  |   |  | Mada William   |       | 40.35   | PORTE STATE          | ne la value de                           |
| SAMPI<br>MEASURE  |                | *****  | *****  |                  | 7.6                                     |  | 7.7  |       | O   | 1/week               | GRAB                                     |
| 00400 1 Effluent Gross Value  | HENT           |  |  | *****            | 6.0<br>01DAMN                           |  | 9.0<br>01DAMX  | ຣບ    |   | 1/Week               | GRAB                                     |
| Se QL   | 鑑              | A Charles  |  |                  | Same of the same of the first           | The sales of the s | SALUSTA AND THE SALES  |       | 100 mas   |                      | Parket Continue                          |
| pH SAMPI<br>MEASURE   | MENT           | ****   |  |                  | 7.0                                     | *****  | 7.9  |       | 0   | 1/week               | GRAR                                     |
| 00400 7 V PERMI   | HENT           |  |  | *****            | REPORT<br>01DAMN                        |  | REPORT<br>01DAMX   | รบ    | 100 A<br>100 A | 1/Week               | GRAB                                     |
| is at   |                | The state of the same of the s | William British  |                  | Congression of the                      | 14.00 ***********************************  | A STANCTON CONTRACTOR OF THE STANCTON  |       |   |                      |  |
| LC50 Statre 96hr Acu SAMP<br>MEASURE  | LE<br>MENT     | *****  |  |                  | CODE = N                                | *****  | *****  | `     | 0   | CODESN               | CODE = N                                 |
| TAN6A 1 Effluent Gross Value  |                |  | The second secon | ••••••<br>•••••• | 50<br>01DAMN                            |  |  | %EFFL |   | 2/Year               | COMPOS                                   |
| i i i i i i i i i i i i i i i i i i i   | 7.7            | A CONTRACTOR OF THE PARTY OF TH | The Standard State   |                  | Alle Stranger                           | The second of the  | Dalanti dalla  |       | 4.5   | 400                  | Manual State                             |
| Chlorine Produced SAMP MEASURE  |                |  | . *****  |                  | *****                                   | CODE=N   | CODE = N   |       | o   | CODEEN               | COOK = N                                 |
| *CPOX 1 PERM REQUIRE  | MENT           |  | 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |                  |   | 0.3<br>01MOAV  | 0.5<br>01DAMX  | MG/L  | 737<br>337  | 3/Week               | GRAB                                     |
| Option 1  | 127            | The seeds for  | 100 100 100 100 100 100 100 100 100 100  | 1                | The second second second                | TO A SERVICE OF THE S | Helington Jack   | 1     | 17.0  | Later Allendar       | # 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Chlorine Produced SAMP MEASURE  |                | *****  | *****  |                  | *****                                   | 40.1   | KO./   |       | 0   | 3/Wee/K              | GRAB                                     |
| *CPOX 1 PERMITED REQUIRE  | IIT<br>MENT    | **************************************   |  | •••••            |   | REPORT   | 0.2<br>01DAMX  | MG/L  |   | 3/Week               | GRAB                                     |
| Option 2  |                | STATE COLUMN   | 10 10 10 10 10 10 10 10 10 10 10 10 10 1   | 1                | 100 100 100 100 100 100 100 100 100 100 | TO MANAGE STATE  | PROPERTY OF THE PROPERTY OF TH | 1     |   | 2000                 | Terresia de Santa                        |

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: | MONITORED LOCATION:  | MONITORING PERIOD:    | FACILITY NAME:   |
|----------------|----------------------|-----------------------|------------------|
| NJ0005622      | 481A SW Outfall 481A | 5/1/2005 TO 5/31/2005 | PSEG NUCLEAR LLC |

| PARAMETER                       | X                     | QUANTITY   | OR LOADING   | UNITS        | QUALI  | TY OR CONCENTR                         | ATION  | UNITS | NO.<br>EX.                               | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------------------|-----------------------|--|--|--------------|--|--|--|-------|--|----------------------|----------------|
| Temperature,                    | SAMPLE<br>MEASUREMENT | *****  | *****  |              | *****  | 25.6                                   | 31.4   |       | 0  | 11Day                | CONTIN         |
| 00010 1<br>Effluent Gross Value | PERMIT                |  |  | •••••        |  | REPORT<br>01MOAV                       | REPORT<br>01DAMX   | DEG.C |  | 1/Day                | CONTIN         |
|                                 | <b>DEOLESS</b>        | STATE STATE OF THE | STATE STATE OF THE |              | 第一個 1月日本の 1月日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本 | Terrenament to have                    | Altonomic Contra   |       | 3.4                                      | A HARRIER            | 金铁铜色           |
| Lab Certification #             | SAMPLE<br>MEASUREMENT | 17327  | 0643/  | <u> </u><br> | PA 343   | 17451                                  |  |       |  |                      |                |
| 99999 99<br>Lab                 | PERMIT<br>REQUIREMENT | REPORT   | REPORT   | <u> </u>     | REPORT   | REPORT                                 | REPORT   |       |  | Not Applie           | NOT AP         |
|                                 |                       | ***************************************  | The second second  | l            | ALL HAMMAN   | ************************************** | THE RESIDENCE OF THE PARTY OF T | _     | - T- |                      |                |

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.

| NJPDES PERMIT  | MONITORING PERIOD   | MONITORED LOCAT  | ION:   |
|--|---|--|--|
| NJ0005622  | Month         Day         Year           05         1         2005   To           Month         Day         Year           05         31         2005   | 482A – SW Outfall 482A   |  |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | 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 APPICABLE:  | ☐ No Discharge this Monitoring Period ☐   | Monitoring Report Comments Attached  |  |
| the certification. Where the hig<br>responsibility or person designs<br>another entity to operate the tre<br>I certify under penalty of law that, based on my inquiry of the<br>complete. I am aware that the  | ce a person designated by that person. For a local agency, the high thest ranking operator does not have the ability to authorize capital sted by that person shall also sign the second certification at the boatment 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 the second certification. New Jersey water Pollution Control Act provides for penalties up | expenditures and hire personnel, a person tom of this page. If the local agency has shall sign the certification.  In submitted in this document and all attaction, I believe that the information is true, ling the possibility of and/or imprisonment. | n having that<br>contracted with<br>chments, and<br>accurate and |
| Thomas P. Joyce,   | Site Vice President - Salem   | N/A  |  |
| NAME AND TITLE OF PRINCIPAL  | EXECUTTYE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO   | GRADE AND REGISTRY NUMBER (  | IF APPLICABLE)   |
| Thomas   | K by  | 06/16/2005 856-339-  | 2086   |
| SIGNATURE OF PRINCIPAL EXEC  | UTIVE OFFICER, AUTIIORIZED AGENT, OR *LICENSED OPERATOR   | DATE AREA CODE/PH  | ONE NUMBER   |
| person designated by that person   | hest-ranking operator does not have the ability to authorize capital expensional sign the following certification: In accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attach   |  | aat responsibility o   |
|  |   |  | */*  |
| NAME AND TITLE   | N/A SIGNATURE   | N/A AREA CODE/PHO  | NE NUMBER  |
| THE STATE OF THE S | SIGNATURE   | DATE AREA CODEATIO   | ANG (VOMBER  |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| 1100000022                               | 4024                   | Sw Outlan 462  | 2A . 3/  | 1/2005 1 | U 5/3 1/2005   | PSEG NUCL  | EAR LLC  |          |            |                      |  |
|--|------------------------|--|--|----------|--|--|--|----------|------------|----------------------|--|
| PARAMETER                                | X                      | QUANTITY C   | OR LOADING   | UNITS    | QUALI  | TY OR CONCENTR   | NOITA  | UNITS    | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE   |
| Flow, In Conduit or Thru Treatment Plant | SAMPLE<br>MEASUREMENT  | 450  | 454  |          | *****  | *****  | *****  |          | 0          | 11Day                | CALETO   |
| 50050 1<br>Effluent Gross Value          | PERMIT                 | REPORT<br>01MOAV   | REPORT<br>01DAMX   | MGD      | The second secon |  |  | *****    |            | 1/Day                | CALCTD   |
| pН                                       | SAMPLE MEASUREMENT     | Anna Anna  | Annana   |          | 2  | No. 2 Secretary  | Tentral Commence   | 1        | (A) (A)    | 1/week               |  |
| 00400 1<br>Effluent Gross Value          | PERMIT (C) REQUIREMENT | Tar XMITER TO THE SECOND   |  | *****    | 7. 6<br>6.0<br>01DAMN  | Control of the second  | 7.7<br>01DAMX  | SU       |            | 1/Week               | GRAB   |
| <br> pH                                  | LE OLIVE               | GHALL MARKE  | The second secon | ļ        | A STATE OF THE STA |  | Market Manager Hilling   | <u> </u> | ion.       | Mariana.             | A STATE OF THE STA |
| pn<br>                                   | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | 7.0  | *****  | 7.9  | }        | 0          | Musek                | GRAB   |
| 00400 7<br>Intake From Stream            | PERMIT<br>REQUIREMENT  | The state of the s | Barrier (1995)<br>Hallier (1995)<br>Edderhad (1995)  | •••••    | REPORT<br>01DAMN   |  | REPORT<br>01DAMX   | ຣບ       |            | 1/Wéek               | GRAB   |
|  | <b>拿QU</b>             | Till the same of t | Side of the American State of the State of t |          | TO THE RESERVE OF THE  | REM MARKET   |  | <u> </u> | 15.45      | 是是                   |  |
| LC50 Statre 96hr Acu<br>Cyprinodon       | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | CODE=N   | *****  | *****  |          | 0          | CODE=N               | CODEDN   |
| TAN6A 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  | •••••    | 50<br>01DAMN   |  |  | %EFFL    |            | 2/Year               | COMPOS   |
|  | #MOLIKE                |  | A Commence of the contract of  |          | Constitution of the Consti | THE TAXABLE PROPERTY.  | Alle Landing A   | <u> </u> |            | SET SHEET AND IN     | The state of the s |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | *****  | CODETN   | CODE = N   |          | 0          | COREIN               | CODETN   |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  |          |  | 0.3<br>01MOAV  | 0.5<br>01DAMX  | MG/L     |            | 3/Week               | GRAB   |
| Option 1                                 | Z.CL.                  | Addition of the  | A STATE AND DESCRIPTION OF   |          | Establishment To all   | TO A SECURE OF THE SECURITY OF | Paralle Control of the Control of th |          |            |                      | 2201-01-02-0   |
| Chlorine Produced                        | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | *****  |  |  |          | 1          | 1 . 4                | C010   |
| Oxidants                                 |                        |  | ļ  | 1        |  | <0.1   | <0./   | 1        | 10         | 3/weak               | <b></b>  |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT. | ***************************************  |  |          | The state of the s | REPORT<br>01MOAV   | 0.2<br>01DAMX  | MG/L     |            | 3/Week               | GRAB   |
| Option 2                                 | BE OLDER               | ENGLISH BARBARIAN FEEL STATES  | AND THE ASSESSMENT OF THE PARTY |          | A APPLICATION OF THE PROPERTY OF   | 200 10 10 10 10 10 10 10 10 10 10 10 10 1  |  | ] .      |            |                      |  |

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:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                       | >                     | QUANTITY (                                 | OR LOADING   | UNITS | QUALI                                   | TY OR CONCENTE            | RATION                                  | UNITS | NO.<br>EX. | FREQ. OF<br>ANALYSIS   | SAMPLE<br>TYPE |
|---------------------------------|-----------------------|--|--|-------|---|---------------------------|---|-------|------------|------------------------|----------------|
| Temperature,<br>oC              | SAMPLE<br>MEASUREMENT | *****                                      | *****  |       | *****                                   | 25.5                      | 29.4                                    |       | 0          | 1/Dog                  | CONTIN         |
| 00010 1<br>Effluent Gross Value | PERMIT                | Marie Company                              |  | ***** |   | REPORT.                   | REPORT<br>01DAMX                        | DEG.C |            | 1/Day                  | CONTIN         |
|                                 | iiii OLIII            | This life assess level for the description | The second second second   |       |   | Francisco de la constanta |   |       | 2          | The section is         |                |
| Lab Certification #             | SAMPLE<br>MEASUREMENT | 17327                                      | 06431  |       | PP343                                   | 17451                     |   |       |            |                        |                |
| 99999 99<br>Lab                 | PERMIT<br>REQUIREMENT | REPORT,                                    | REPORT   |       | REPORT Lab #                            | REPORT                    | REPORT.                                 | •     |            | Not Applic             | NOT AP         |
|                                 | THE QUAL              | Mark Sheet State                           | AND THE PERSON NAMED OF TH | [     | *************************************** |                           | *************************************** |       | 2          | Andreas Andreas Chairs | estivates      |

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. .

| NJPDES PERMIT   | MONITORING PERIOD  | M   | ONITORED LOCATION:   |
|---|--|---|--|
| NJ0005622   | Month         Day         Year           05         1         2005   To           Month         Day           05         31  | Year   483A - SV  | W Outfall 483A   |
| PERMITTEE:<br>PSE&G NUCLEAR LLC<br>ALLOWAY CREEK NEAK RD<br>236/N21<br>HANCOCKS BRIDGE, NJ 08033  | LOWER ALLOWAYS CREEK, NJ   | PSE&G N<br>PO BOX 2   | T RECIPIENT:<br>UCLEAR LLC<br>236/N21<br>KS BRIDGE, NJ 08038   |
|   | . REGION / COUNTY: Southe  | rn / Salem County   |  |
| CHECK IF APPICABLE:   | No Discharge this Monitoring Period  | Monitoring Re   | eport Comments Attached  |
| the certification. Where the high<br>responsibility or person designal<br>another entity to operate the treat<br>I certify under penalty of law that<br>that, based on my inquiry of tho<br>complete. I am aware that there | tee a person designated by that person. For a local agenthest ranking operator does not have the ability to authorted by that person shall also sign the second certification at the works, the highest-ranking official of the contrast I have personally examined and am familiar with the see individuals immediately responsible for obtaining the are significant penalties for submitting false information. New Jersey water Pollution Control Act provides for provi | orize capital expenditures a<br>on at the bottom of this pay<br>acted entity shall sign the c<br>e information submitted in<br>the information, I believe that<br>ation, including the possib | and hire personnel, a person having that ge. If the local agency has contracted with certification.  this document and all attachments, and hat the information is true, accurate and ility of and/or imprisonment, pursuant |
| Thomas P. Joyce,  | Site Vice President - Salem  |   | N/A  |
| NAME AND TITLE OF PRINCIPAL   | EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENS  | ED OPERATOR GRAD  | DE AND REGISTRY NUMBER (IF APPLICABLE)   |
| Thomas  | of fee   | 06  | 6/16/2005 856-339-2086   |
| SIGNATURE OF PRINCIPAL EXECU  | utive officer, authorized agent, or *Licensed op   | ERATOR DATE   | AREA CODE/PHONE NUMBER   |
|   | nest-ranking operator does not have the ability to authorize a<br>chall sign the following certification:  | capital expenditures and hire   | personnel, a person having that responsibility or  |
| I certify under penalty of law and in   | n accordance with N.J.S.A. 58:10A-6F(5) that I have review   | ed the attached discharge mor   | nitoring reports.  |
| N/A   | Ν/Λ  | N//   | Λ N/Λ  |
|   |  | <u>IN//</u>   | 1000   |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

|  | - <del> </del>        |   |  |         | · · · · · · · · · · · · · · · · · · ·  |  |  |       |            |   |  |
|--|-----------------------|---|--|---------|--|--|--|-------|------------|---|--|
| PARAMETER                                |                       | QUANTITY C  | R LOADING  | UNITS   | QUALI  | TY OR CONCENTR   | ATION  | UNITS | NO.<br>EX. | FREQ. OF<br>ANALYSIS                    | SAMPLE<br>TYPE   |
| Flow, In Conduit or Thru Treatment Plant | SAMPLE<br>MEASUREMENT | 394   | 454  |         | *****  | *****  | *****  |       | 0          | 11Day                                   | CALETO   |
| 50050 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT | REPORT<br>01MOAV  | REPORT<br>01DAMX   | MGD     | My - M M が 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1   |  | e y Karris de Lace<br>Handard de Lace<br>Handard de Lace | ***** |            | 1/Day                                   | CALCTD   |
|  | 12 OL (1)             | ENGLANDS AND SERVE  | Sales Control of the  |         | 4, 257 ***** (34.2)  | A Park of Comments of the  | <b>福田村門</b>  |       | 3.15       | AND DESTRUCTION                         |  |
| рН                                       | SAMPLE<br>MEASUREMENT | *****   | *****  |         | 7.3  | *****  | 7.7  |       | o          | 1/week                                  | GRAB   |
| 00400 1<br>Effluent Gross Value          | PERMIT                |   | **************************************   | *****   | 6.0<br>01DAMN  |  | 9.0<br>O1DAMX  | ຣບ    |            | 1/Week                                  | GRAB   |
|  | OL.                   | 「中のないできるのである。」ではないのである。<br>温度は1日では1日の日本の日本のでは1日の日本で   | THE STREET WAS ASSESSED.   |         | Service Control of the service of th | THE WASHINGTON   | Commission and Control                                   |       | 1. 7.312   | 120000000000000000000000000000000000000 | THE THE PARTY OF T |
| рН                                       | SAMPLE<br>MEASUREMENT | *****   | *****  |         | 7.0  | *****  | 7.9  |       | 0          | 1/week                                  |  |
| 00400 7<br>Intake From Stream            | PERMIT                |   |  | •••••   | REPORT<br>01DAMN   |  | REPORT<br>01DAMX   | ຣບ    | MAX<br>(H) | 1/Week                                  | GRAB   |
|  | COL COL               | Clarify Basses Francisco  | THE WILL SHAPE AND THE SAME  | 1       | Miles of Andread Street  | And the state of t | Mile Constitution  |       | 1          | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Tan in the last  |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT | *****   | 40444  |         | *****  | CODETN   | CODE=N   |       | 0          | CODE=N                                  | COVE = N   |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT | , <b>44444</b>  | 77 ***********************************   |         |  | 0.3<br>01MOAV  | 0.5<br>01DAMX  | MG/L  | 645<br>特式  | 3/Week                                  | GRAB   |
| Option 1                                 | (COL)                 | THE STAN ABBARA MINE STAN   | Piller Control of the | ]       | SEASON SAMERA SECULAR  | The second of th | THE STREET STREET  | ]     | 1000       | Name of the last                        |  |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT | *****   | *****  |         | *****  | <0.1   | <0.1   |       | 0          | 3/week                                  | GRAB   |
| *CPOX 1<br>Effluent Gross Value          | PERMIT REQUIREMENT.   |   |  | <b></b> | ho file dynastings in the state of the state | REPORT 3   | 0.2<br>01DAMX  | MG/L  |            | 3/Week                                  | GRAB   |
| Option 2                                 | DECLES                | And the to be seen to be the to   | Participate Andrew Committee   | 1       | FOR THE TRANSPORT OF THE TRANSPORT   | The same of the sa | Carried Contract of                                      | j     | 1.345      |   | NAME OF THE PARTY  |
| Temperature,                             | SAMPLE<br>MEASUREMENT | *****   | *****  |         | *****  | 26.2   | 31.7   |       | 0          | 1/Day                                   | CONTIN   |
| 00010 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT |   |  |         |  | REPORT 01MOAV  | REPORT<br>01DAMX   | DEG.C |            | 1/Day                                   | CONTIN   |
|  | QL.                   | danie | 46444  | 1       | Comment of State of State of   | ***************************************  |  |       | 1          | And the second                          |  |

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:NJ0005622483A SW Outfall 483A5/1/2005 TO 5/31/2005PSEG NUCLEAR LLC

| PARAMETER           | X                     | QUANTITY (     | QUANTITY OR LOADING UNITS |  |                           | QUÁLITY OR CONCENTRATION  |        |  |   | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------|-----------------------|----------------|---------------------------|--|---------------------------|---|--------|--|---|----------------------|----------------|
| Lab Certification # | SAMPLE<br>MEASUREMENT | 17327          | 06431                     |  | PA 343                    | 17451   |        |  |   |                      |                |
| 99999 99<br>Lab     | PERMIT<br>REQUIREMENT | REPORT         | REPORT                    |  | REPORT Lab#               | REPORT  | REPORT |  |   | Not Applic           | NOT AP         |
| 1                   | J. COL                | NEW CONTRACTOR | A Company of Company      |  | HADROTTON ABBABBA AND THE | AND SANGER OF THE PARTY OF THE | 11.5 ( |  | 1 | LAMEST RAPH          | THE SECTION OF |

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   | MONITO  | ORED LOCATION:  |
|---|---|---|---|
| NJ0005622   | Month         Day         Year           05         1         2005   To           Month         Day         Year           05         31         2005   | 484A – SW Ou  | · · · · · · · · · · · · · · · · · · ·   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803   | LOWER ALLOWAYS CREEK, NJ 08038-0000   | REPORT REC PSE&G NUCLEAF PO BOX 236/N21 HANCOCKS BRIE   | RLLC  |
|   | REGION / COUNTY: Southern / Salem   | County  |   |
| CHECK IF APPICABLE:   | ☐ No Discharge this Monitoring Period ☐   | Monitoring Report Co  | mments Attached   |
| the certification or, in his absenthe certification. Where the hig responsibility or person designate another entity to operate the tre. I certify under penalty of law that, based on my inquiry of the complete. I am aware that ther | est ranking official having day-to-day managerial and operational ce a person designated by that person. For a local agency, the hig hest ranking operator does not have the ability to authorize capita ted by that person shall also sign the second certification at the beatment 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 informate are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up | hest ranking operator of 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 | the treatment works shall sign personnel, a person having that be local agency has contracted with on.  ument and all attachments, and aformation is true, accurate and and/or imprisonment, pursuant |
|   | Site Vice President - Salem   |   | N/A   |
| NAME AND TITLE OF PRINCIPAL   | EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO   | OR GRADE AND RI  06/16/2005   | EGISTRY NUMBER (IF APPLICABLE)  856-339-2086  |
| SIGNATURE OF PRINCIPAL EXEC   | UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR  | DATE  | AREA CODE/PHONE NUMBER  |
|   | hest-ranking operator does not have the ability to authorize capital expensional sign 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 attack   | ned discharge monitoring re   | eports.   |
| N/A   | <u>N/A</u>  | <u> </u>  | <u>N/A</u>  |
| NAME AND TITLE  | SIGNATURE   | DATE  | AREA CODE/PIIONE NUMBER   |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

5/1/2005 TO 5/31/2005

PSEG NUCLEAR LLC

|                      |                       |  |  |         | ,  |  | <del></del>  |          | ,      |                           |                  |
|----------------------|-----------------------|--|--|---------|--|--|--|----------|--------|---------------------------|------------------|
| PARAMETER            |                       | QUANTITY (   | OR LOADING   | UNITS   | QUALI  | TY OR CONCENTR   | ATION  | UNITS    | NO.    | FREQ. OF ANALYSIS         | SAMPLE<br>TYPE   |
| Flow, In Conduit or  | SAMPLE<br>MEASUREMENT |  | 1111   |         | *****  | *****  | *****  |          |        | 1.00                      | 00               |
| Thru Treatment Plant | MEASONEMENT           | 327  | 446  |         |  |  |  |          | 0      | 11Day                     | CALCID           |
| 50050 1              | PERMIT                | REPORT   | REPORT   | MGD     |  |  |  | *****    | 1.44   | 1/Day                     | CALCTD           |
| Effluent Gross Value | REQUIREMENT           | 01MOAV   | OIDAMX   |         | The state of the   | <u> 38 32 387</u>  | 學。指於法漢語  |          |        |                           |                  |
|                      | ot.                   |  | SHAPE SHAPE  |         | There is the arms and the first  | A Proposition of the Park  | <b>阿斯斯斯斯</b>   |          | 8.50   | The section is the second |                  |
| pH                   | SAMPLE<br>MEASUREMENT | *****  | *****  |         | 7.6  | *****  | 7.7  |          | 0      | 1/week                    | GRAB             |
| 00400 1              | PERMIT                | 177441776  |  | *****   | 6.0  |  | 9.0  | รบ       | 20 94  | 1/Week                    | GRAB) #79        |
| Effluent Gross Value | REQUIREMENT           | All The Control of the Control   | Marie Aller Aller   Aller      |         | 01DAMN   | ***************************************  | 01DAMX   | 30       | .3: /i |                           |                  |
|                      | EX OLUM               | DEFENSE SE   |  |         | AND THE PROPERTY OF THE PARTY O | STATE OF STATE OF STATE  |  |          | Ers in |                           |                  |
| рН                   | SAMPLE<br>MEASUREMENT | *****  | *****  |         | 7.0  | *****  | 7.9  |          | 0      | 1/week                    | GRAB             |
| 00400 7              | PERMIT                |  | Acceptance of the second   |         | REPORT   | The American Comments  | REPORT   | 611      | 1995   | 1/Week                    | GRAB             |
| Intake From Stream   | REQUIREMENT           | Marin Carlotte State Control Control   |  |         | 01DAMN   | 17 1 2 2 2 4 4 4 4 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6   | 01DAMX   | รบ       |        | <b>通过</b> 和16             |                  |
|                      | 当家QL基及                | AMPLETON ARREST POSTONS<br>SUPERIOR SECURIOR TO PROS   | ANTEGERAL CONTRACTOR   |         | Vacante and rest of the  | THE STATE OF THE S | PARTE APPREADED  |          |        | 554224                    |                  |
| LC50 Statre 96hr Acu | SAMPLE                | }  |  |         |  |  |  |          |        |                           |                  |
| Cyprinodon           | MEASUREMENT           | ******   | *****  | }       | CODE=N   | *****  | *****  | ,        | 0      | CODEIN                    | COOK=N           |
| TANGA 1              | PERMIT                | acoffee and  | VINCESCO VI  |         | 50   |  |  | a, r.c., | 373.4  | 2/Year                    | E COMPOS         |
| Effluent Gross Value | REQUIREMENT.          | AND THE PROPERTY OF THE PROPER |  |         | OIDAMN   |  | Rappin <b>Managa</b> Color<br>Legis of the Artica  | %EFFL    |        |                           |                  |
|                      | 海QL巡                  |  | TOTAL SOURCE OF THE  | 1       | 24144444444444444444444444444444444444   | THE STATE OF STREET  | The state of the s |          | 37.83  |                           | Managar Kal      |
| Chlorine Produced    | SAMPLE                |  | ]  |         | 1  |  |  |          |        | 1                         |                  |
| Oxidants             | MEASUREMENT           | . *****  | *****  | 1       | *****  | 0.1  | 0.1  | 1        | 0      | 3/week                    | GRAB             |
| *CPOX 1              | PERMIT.               | <b>学</b> 院的自己的   |  |         | 第四次 日本軍  | (2000年 0.3 X )   | 0.5  |          |        | 3/Wéek                    | GRAB # 30        |
| Effluent Gross Value | REQUIREMENT           | Kalanda an <b>Albanda an a</b> n an  | **************************************   | }       | 2017年 - 日本本本本のでは、<br>文元で発売していて、これには、   | 01MOAV   | - OIDAMX   | MG/L     |        |                           |                  |
| Option 1             | SE QLS                | 100 00 00 00 00 00 00 00 00 00 00 00 00  | THE PARTY OF THE P | }       | A THE SALE SALES AND THE SALES   | Telescopies of the series  | THE PROPERTY OF  | }        | 17.00  | 21700                     |                  |
| Chlorine Produced    | SAMPLE                |  | ĺ  | ]       |  |  | [  | i        | 1      |                           |                  |
| Oxidants             | MEASUREMENT           | *****  | *****  |         | *****  | 40.1   | 40.1   |          | 0      | 3/wee/L                   | GRAB             |
| *CPOX 1              | PERMIT                |  |  |         | 1322 18 19 2 19 2 19 2 19 2 19 2 19 2 19 2   | REPORT   | 0.2  | MG/L     | 7,12   | 3/Week                    | GRÁB             |
| Effluent Gross Value | Tamble of the same    |  |  | 1       | A STREET AND THE PROPERTY  | DIMOAV   | 01DAMX   | ]        |        |                           | Fig. Sugar Sugar |
| Option 2             | , QL                  | International Control  | 2  | <u></u> | 2-15-11 Assessment Commercial Street   | CU IN COMPANY STATE  | PRANTAL PROPERTY.  | <br>     | 27.6   | <b>经证券担款</b>              |                  |

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.

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

5/1/2005 TO 5/31/2005

PSEG NUCLEAR LLC

| PARAMETER                       | X                       | QUANTITY (           | OR LOADING        | UNITS    | QUVLI.                 | TY OR CONCENTR      | IATION  | UNITS        | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------------------|-------------------------|----------------------|-------------------|----------|------------------------|---------------------|---|--------------|------------|----------------------|----------------|
| Temperature, oC                 | SAMPLE .<br>MEASUREMENT | *****                | *****             |          | *****                  | 23.2                | 30.8  | - <u>-</u> - | 0          | 11Day                | CONTIN         |
| 00010 1<br>Effluent Gross Value | PERMIT REQUIREMENT      |                      |                   | *****    | All Annual Control     | REPORT 01MOAV       | REPORT<br>01DAMX  | DEG.C        |            | 1/Day                | CONTIN         |
|                                 | MACLES!                 | Section Property Co. | THE RESERVE       |          |                        | THE STATE OF STREET | ABBAN CHEST   |              | 18.44      | in the               |                |
| Lab Certification #             | SAMPLÉ<br>MEASUREMENT   | 17327                | 06431             |          | PA343                  | 17451               |   |              |            |                      |                |
| 99999 99 .<br>Lab               | PERMIT<br>REQUIREMENT   | REPORT               | REPORT:           |          | REPORT.                | REPORT Lab #        | REPORT Lab #  |              |            | Not Applie           | NOT AP         |
|                                 | (i) OL                  |                      | Artista deserting | <u> </u> | William Wester Control | TOTAL SEASON TOTAL  | in in the same of |              |            | TANK IN              |                |

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.

| NJPDES PERMIT   | MONITORING PERIOD   | MONITORED LOCATION:   |  |  |  |  |  |  |  |  |
|---|---|---|--|--|--|--|--|--|--|--|
| NJ0005622   | Month         Day         Year           05         I         2005   To Month Day Year 05 31 2005   | 485A – SW Outfall 485A  |  |  |  |  |  |  |  |  |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803   | 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 APPICABLE:   | ☐ 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 OPERATO   | OR GRADE AND REGISTRY NUMBER (IF APPLICABLE)                                    |  |  |  |  |  |  |  |  |
| Thomas  | of for  | 06/16/2005 856-339-2086   |  |  |  |  |  |  |  |  |
| SIGNATURE OF PRINCIPAL EXEC   | UTIVE OFFICÉR, AUTHORIZED AGENT, OR *LICENSED OPERATOR  | DATE AREA CODE/PIIONE NUMBER  |  |  |  |  |  |  |  |  |
|   | hest-ranking operator does not have the ability to authorize capital expensions. Shall sign the following certification:                    | nditures and hire personnel, a person having that responsibility                |  |  |  |  |  |  |  |  |
| I certify under penalty of law and i  | 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   | <u>N/A</u> <u>N/A</u>   |  |  |  |  |  |  |  |  |
| NAME AND TITLE  | SIGNATURE   | DATE AREA CODE/PHONE NUMBER   |  |  |  |  |  |  |  |  |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| 1100003022                               |                        | SVV Outrain 403  |  | .,2000 . | <del></del>  |  |  |          |   |                            |  |
|--|------------------------|--|--|----------|--|--|--|----------|---|----------------------------|--|
| PARAMETER                                | $\times$               | QUANTITY C   | DR LOADING   | UNITS    | OUVLI  | TY OR CONCENTR   | ATION  | UNITS    | NO.<br>EX.                              | FREQ. OF<br>ANALYSIS       | SAMPLE<br>TYPE   |
| Flow, In Conduit or Thru Treatment Plant | SAMPLE<br>MEASUREMENT  | 340  | 427  |          | *****  | *****  | *****  |          | o                                       | 110ay                      | CAKCTD   |
| 50050 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  | REPORT<br>01MOAV   | REPORT<br>01DAMX   | MGD      | 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |  |  | *****    |   | 1/Day                      | CALCTD   |
|  | Fidor                  | Constitution of the Consti |  |          | 200 - 100 -  | William Committee  | Managara .   |          |   | 12.13.16.62                | unitaria de la constanta de la |
| рН                                       | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | 7.6  | *****  | 7.8  | -        | 0                                       | 1/week                     | GRAB   |
| 00400 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  | •••••    | 6.0<br>01DAMN  | ***************************************  | 9.0<br>01DAMX  | នប       | 10 Am                                   | 1/Week                     | GRAB   |
|  | A OLUM                 |  | Land of the planet before 2                                | l        | THE PARTY OF THE P |  | THE COME CONTRACTOR  |          | 1 2 y 2 A                               | A Comment                  | The state of the s |
| рН                                       | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | 7.0  | *****  | 7.9  |          | 0                                       | Threek                     | GRAR   |
| 00400 7<br>Intake From Stream            | PERMIT<br>REQUIREMENT  |  |  | ]        | REPORT<br>01DAMN   |  | REPORT<br>01DAMX   | ຮບ       |   | 1/Week                     | GRAB   |
| <u> : </u>                               | <b>以OL</b>             | TO THE SEASON OF THE SEASON  | Participant and and the second                             |          | districtionary France  | College College  | AND THE PERSON NAMED OF  | <u> </u> | acto                                    | THE PARTY HERE AND AND AND | A TO A STAN AND AND AND AND AND AND AND AND AND A  |
| LC50 Statre 96hr Acu<br>Cyprinodon       | SAMPLE<br>MEASUREMENT  | *****  | . *****  |          | >100   | *****  | *****  |          |   | 2/Year                     | COMPOS   |
| TAN6A 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  |  |  | <b></b>  | 50<br>01DAMN   |  |  | %EFFL    |   | 2/Year                     | COMPOS   |
|  | <b>EEEQL</b> ESS       | AND THE SHARE STREET   | termitaring and and trivial and the all                    |          | Water Commence Comment   | Carling of the   | THE RESERVE  | İ        | 23 y E                                  | Tale and I not done        | 100000000000000000000000000000000000000  |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT  | ******   | *****  |          | *****  | 0.1  | 0./  |          | 0                                       | 3 Weak                     | GRAR   |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT. |  |  |          |  | 0.3<br>01MOAV  | 0.5<br>OIDAMX  | MG/L     | 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 3/Week                     | GRAB   |
| Option 1                                 | CALLES,                | Maria Control  | tenta fill and a de la la la la la la la la la la la la la | ]        | The state of the same of the s | The state of the s | The same of the sa | ]        |   |                            | STATE MALES  |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT  | *****  | *****  |          | *****  | <0.1   | <0./   |          | 0                                       | 3/Week                     | GRAB   |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT  | 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4   |  |          | Parker and the second s | REPORT-<br>01MOAV  | 0.2<br>01DAMX  | MG/L     | 7.5%<br>2.5%                            | 3/Week                     | GRAB   |
| Option 2                                 | ELE OLIVER             | San States   | 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4                    | ]        | TOREST TORRUTADORS   | 是不是人類的數數<br>物學是可以與一個   | The State of the S | ]        | 150                                     |                            |  |

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.

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                       |                        | QUANTITY (   | OR LOADING   | UNITS | QUALI              | TY OR CONCENTE                             | IATION            | UNITS         | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------------------|------------------------|--|--|-------|--------------------|--|-------------------|---------------|------------|----------------------|----------------|
| Temperature,<br>oC              | SAMPLE<br>MEASUREMENT  | *****  | *****  |       | ****               | 22.7                                       | 30.9              |               | 0          | 1/Day                | CONTIN         |
| 00010 1<br>Effluent Gross Value | PERMIT                 |  | Harris de la Companya | ••••• |                    | REPORT<br>01MOAV                           | REPORT<br>01DAMX  | DEG.C         |            | 1/Day                | CONTIN         |
| Lat Outro                       | <b>全是QL</b> 法          | Personal Control of the Control of t | Strange to see the see   |       | Alexander out Land | eninted in the                             |                   | ļ <del></del> |            |                      | BANKAU ANNO    |
| Lab Certification #             | SAMPLE<br>MEASUREMENT  | 17327  | 06431  |       | PA 343             | 17451                                      |                   |               |            |                      |                |
| 99999 99<br>Lab                 | PERMIT TO REQUIREMENT. | REPORT   | REPORT   |       | REPORT<br>Lab #    | ŘĚPORT************************************ | REPORT<br>Láb #   |               |            |                      | NOT ÁP         |
|                                 |                        | San Assessment Control   |  | }     | 3                  | The second second                          | William Accompany |               | 44.0       | ABAGE LES            | Sept Online    |

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.

| NJPDES PERMIT  | MONITORING PERIOD  | MONITO   | RED LOCATION:   |
|--|--|--|---|
| NJ0005622  | Month         Day         Year           05         I         2005   To           Month         Day         Year           05         31         2005  | 486A – SW Out  | fall 486A   |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | LOWER ALLOWAYS CREEK, NJ 08038-000   | REPORT RECL<br>PSE&G NUCLEAR<br>PO BOX 236/N21<br>HANCOCKS BRIDG   | LLC   |
|  | REGION / COUNTY: Southern / Salem  | ı County   |   |
| CHECK IF APPICABLE:  | No Discharge this Monitoring Period  | Monitoring Report Com  | ments Attached  |
|  | nce a person designated by that person. For a local agency, the hi   |  |   |
| responsibility or person designation another entity to operate the tre  I certify under penalty of law the that, based on my inquiry of the complete. I am aware that their  | shest ranking operator does not have the ability to authorize capit ated by that person shall also sign the second certification at the leatment works, the highest-ranking official of the contracted entite at I have personally examined and am familiar with the informations individuals immediately responsible for obtaining the information are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up   | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of an arms.  | local agency has contracted with in.  ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant  |
| 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 their to N.J.A.C. 7:14A-6.9(B). The   | ated by that person shall also sign the second certification at the leatment 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, inclined   | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of an arms.  | local agency has contracted with in.  ment and all attachments, and ormation is true, accurate and door imprisonment, pursuant  |
| responsibility or person designa<br>another entity to operate the tre<br>I certify under penalty of law th<br>that, based on my inquiry of the<br>complete. I am aware that the<br>to N.J.A.C. 7:14A-6.9(B). The   | ated by that person shall also sign the second certification at the latement 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 are significant penalties for submitting false information, includes Mew Jersey water Pollution Control Act provides for penalties upon the penalties upon the penalties upon the penalties upon the penalties upon the penalties upon the penalties upon the penalties u | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of any p 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  |
| 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 their to N.J.A.C. 7:14A-6.9(B). The   | ated by that person shall also sign the second certification at the leatment 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 are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up. Site Vice President - Salem   | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of any p to \$50,000 per violation.  TOR GRADE AND REC                                   | local agency has contracted with n.  ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant  N/A  GISTRY NUMBER (IF APPLICABLE)   |
| responsibility or person designs another entity to operate the tre  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  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  | ated by that person shall also sign the second certification at the leatment 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 are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up. Site Vice President - Salem   | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of any p to \$50,000 per violation.  | local agency has contracted with in.  ment and all attachments, and ormation is true, accurate and id/or imprisonment, pursuant   |
| responsibility or person designs another entity to operate the tre  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  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  SIGNATURE OF PRINCIPAL EXECT  *For a local agency where the high  | ated by that person shall also sign the second certification at the leatment 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 are significant penalties for submitting false information, includes Jersey water Pollution Control Act provides for penalties upon Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATION.   | pottom of this page. If the y shall sign the certification tion submitted in this documention, I believe that the influding the possibility of any p to \$50,000 per violation.  TOR GRADE AND RECOMPACE OF 16/2005  DATE            | local agency has contracted with n.  ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant  N/A  GISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER   |
| responsibility or person designs another entity to operate the tre  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  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  SIGNATURE OF PRINCIPAL EXECT  *For a local agency where the hig person designated by that person  | ated by that person shall also sign the second certification at the leatment works, the highest-ranking official of the contracted entity at I have personally examined and am familiar with the informations individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, included New Jersey water Pollution Control Act provides for penalties us a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR whest-ranking operator does not have the ability to authorize capital exp  | pottom of this page. If the y shall sign the certification tion submitted in this document ation, I believe that the influding the possibility of any p to \$50,000 per violation.  TOR GRADE AND RECOMPAND DATE  and the personnel, | local agency has contracted with n.  ment and all attachments, and formation is true, accurate and d/or imprisonment, pursuant  N/A  GISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER a person having that responsibility of |
| responsibility or person designs another entity to operate the tre  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. 7:14Λ-6.9(B). The  Thomas P. Joyce, NAME AND TITLE OF PRINCIPAL  SIGNATURE OF PRINCIPAL EXECT  *For a local agency where the high person designated by that person to the tree to the person designated by that person to the tree the person designated by that person the tree tree tree to the tree tree tree tree tree tree tree | ated by that person shall also sign the second certification at the leatment works, the highest-ranking official of the contracted entity at I have personally examined and am familiar with the informations individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, included New Jersey water Pollution Control Act provides for penalties us a Site Vice President - Salem  EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR whest-ranking operator does not have the ability to authorize capital expensions the following certification:  | pottom of this page. If the y shall sign the certification tion submitted in this document ation, I believe that the influding the possibility of any p to \$50,000 per violation.  TOR GRADE AND RECOMPAND DATE  and the personnel, | local agency has contracted with n.  ment and all attachments, and formation is true, accurate and d/or imprisonment, pursuant  N/A  GISTRY NUMBER (IF APPLICABLE)  856-339-2086  AREA CODE/PHONE NUMBER a person having that responsibility of |

MONITORED LOCATION:

**MONITORING PERIOD:** 

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| NJ0003622                                | 4007                  | SW Outlan 400   | JA 3/  | 172000 1 | 0 3/3 1/2003   | PSEG NOCE  | LAN LLO  |  |   |                      |                |
|--|-----------------------|---|--|----------|--|--|--|--|---|----------------------|----------------|
| PARAMETER                                | X                     | QUANTITY (  | OR LOADING   | UNITS    | QUALI  | TY OR CONCENTR   | ATION  | UNITS  | NO.<br>EX.                                  | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT    | 328   | 458  |          | *****  | *****  | *****  | ,  | O   | 1 /Day               | CALCED         |
| 50050 1<br>Effluent Gross Value          | PERMIT REQUIREMENT    | REPORT<br>01MOAV  | REPORT<br>01DAMX   | MGD .    | 1846-64<br>1846-64<br>1846-64  | The section of the first of the section of the sect |  | *****  |   | 1/Day                | CALCTD         |
|  | COLUMN COLUMN         | Property of the second second   | Andreas and the second  |          | Description .  | And the second of the second o | Control Control  |  | G-450                                       | A CANADA             |                |
| pH                                       | SAMPLE<br>MEASUREMENT | *****   | *****  |          | 7.6  | *****  | 7.7  |  | 0   | 1/week               | GRAB           |
| 00400 1<br>Effluent Gross Value          | PERMIT REQUIREMENT    | 400444<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>10042<br>1004 |  | *****    | 6.0<br>OIDAMN  |  | 9.0<br>OIDAMX  | su   | 建筑  | 1/Week               | GRAB           |
|  | CL                    | Mort Library some and 224   | The state of the s |          |  | The state of the s | destination of the second  |  | 12.20                                       | Mark Form.           |                |
| рH                                       | SAMPLE<br>MEASUREMENT | *****   | *****  |          | 7.0  | *****  | 7.9  |  | o   | 1/week               | GRAB           |
| 00400 7<br>Intake From Stream            | PERMIT<br>REQUIREMENT |   |  | *****    | REPORT<br>01DAMN   |  | REPORT<br>01DAMX   | ຮບ   |   | 1/Week               | GRAB           |
|  | & QL                  | To Research to Find   | 4444   |          | <b>张建筑性性/各部</b>  | Tark Analysis Sanctif  | The second of th |  | 1,13  |                      |                |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT | *****   | *****  |          | *****  | 0.1  | 0.2  |  | 0   | 3 herek              | GRAB           |
| *CPOX 1<br>Effluent Gross Value          | PERMIT                |   | TATELON TO THE TATELO | •••••    | THE MANNEY HE STREET, THE STRE | 0.3<br>01MOAV  | 0.5<br>01DAMX  | MG/L   | 13.42<br>13.43<br>13.43                     | 3/Week               | GRAB           |
| Option 1                                 | SE OL                 | THE PARAMETER STATE OF  | THE RESERVE THE PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PA | )<br>    | TESTANDAL SANTANA  | Market Water Lines   | ***  |  | 44.2  | Part Control         |                |
| Chlorine Produced Oxidants               | SAMPLE<br>MEASUREMENT | *****   | *****  |          | *****  | 20.1   | <0./   |  | 0   | 3/week               | GRAB           |
| *CPOX 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT |   |  | <b></b>  |  | REPORT<br>01MOAV   | 0.2<br>01DAMX  | MG/L   | 7 14 15 15 15 15 15 15 15 15 15 15 15 15 15 | 3/Week               | GRAB           |
| Option 2                                 | (COL)                 | Fig   | TO THE BEASE VETTON  | <u> </u> | man de la companya de | Transference in the second   | THE STATE OF THE S | <u>                                     </u> | 15.00                                       |                      |                |
| Temperature,                             | SAMPLE<br>MEASUREMENT | *****   | . *****  |          | *****  | 22.3   | 32.4   |  | 0   | 1/Day                | CONTIN         |
| 00010 1<br>Effluent Gross Value          | PERMIT<br>REQUIREMENT |   | 100 100 100 100 100 100 100 100 100 100  |          | equitarrateur en entre tra-<br>fraços a debes a la fractiona (),<br>a dem a tables a la fractiona (),<br>a dem a tables a la fractiona (),<br>a dem a tables a la fractiona (), a dem  | REPORT 01MOAV  | RÉPORT<br>01DAMX   | DEG.C  |   | 1/Day                | CONTIN         |
|  | A CL                  | 100 100 00000 1 100 100 100 100 100 100   | Control of the Contro | 1        | TOTAL ASSESSMENT OF THE PARTY O | Service Head of the service of the s | 25/41/16/16/16   | ·  |   |                      |                |

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 Repor | Surface | Water | Discharge | Monitoring | Repor |
|--|---------|-------|-----------|------------|-------|
|--|---------|-------|-----------|------------|-------|

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

5/1/2005 TO 5/31/2005

PSEG NUCLEAR LLC

| PARAMETER           |                       | QUANTITY (     | DR LOADING        | UNITS | QUALI  | TY OR CONCENTR    | ATION                                 | UNITS | NO.<br>EX. | FREQ. OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------|-----------------------|----------------|-------------------|-------|--|-------------------|---------------------------------------|-------|------------|----------------------|----------------|
| Lab Certification # | SAMPLE<br>MEASUREMENT | 17327          | 06431             |       | PA 343   | 11 451            |                                       |       |            |                      |                |
| 99999 99<br>Lab     | PERMIT                | REPORT         | REPORT            |       | REPORT   | REPORT            | REPORT                                |       |            | Not Applic           | NOT AP         |
|                     | NE OLES               | THE SHAPE WELL | SADOAN CHANGE PRO |       | The Contract of the Contract o | The second second | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |       | 136 Te     | <b>福达</b>            | Harana Maria   |

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  | MONITO   | DRED LOCATION:                 |  |  |  |  |  |  |  |
|---|--|--|--------------------------------|--|--|--|--|--|--|--|
| NJ0005622   | Month         Day         Year           05         1         2005   To Month Day Year 05 31 200   | 1 /13 / 13 5 / 1 / 1 / 1 / 1   | tfall 487B                     |  |  |  |  |  |  |  |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803   | LOWER ALLOWAYS CREEK, NJ 08038   | REPORT REC<br>PSE&G NUCLEAI<br>PO BOX 236/N21<br>-0000 HANCOCKS BRID | RLLC                           |  |  |  |  |  |  |  |
|   | REGION / COUNTY: Southern / Sa   | lem County   |                                |  |  |  |  |  |  |  |
| CHECK IF APPICABLE:   | No Discharge this Monitoring Period  | ☐ Monitoring Report Co   | mments 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   | EXECUTE TOFFICER, AUTHORIZED AGENT, OR *LICENSED OPE   | RATOR GRADE AND RI   | EGISTRY NUMBER (IF APPLICABLE) |  |  |  |  |  |  |  |
| - Thom  | so I fan   | 06/16/2005   | 856-339-2086                   |  |  |  |  |  |  |  |
| , ,   | UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO  | DR DATE  | AREA CODE/PHONE NUMBER         |  |  |  |  |  |  |  |
| *For a local agency where the hig<br>person designated by that person   | *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  | attached discharge monitoring r                                      | eports.                        |  |  |  |  |  |  |  |
| N/A   | <u>N/A</u>   | <u>N/A</u>   | <u>N/A</u>                     |  |  |  |  |  |  |  |
| NAME AND TITLE  | SIGNATURE  | DATE   | AREA CODE/PHONE NUMBER         |  |  |  |  |  |  |  |

| NJPDES PERMIT  | MONITORING PERIOD   | MONITO  | RED LOCATION:  |
|--|---|---|--|
| NJ0005622  | Month         Day         Year           05         1         2005           To         05         31         2005  | 489A – SW Out   | fall 489A  |
| PERMITTEE: PSE&G NUCLEAR LLC ALLOWAY CREEK NEAK RD 236/N21 HANCOCKS BRIDGE, NJ 0803  | LOWER ALLOWAYS CREEK, NJ 08038-0  | REPORT REC<br>PSE&G NUCLEAR<br>PO BOX 236/N21<br>IIANCOCKS BRID   | LLC  |
|  | REGION / COUNTY: Southern / Sale  | m County  |  |
| CHECK IF APPICABLE:  | No Discharge this Monitoring Period   | ☐ Monitoring Report Cor   | uments Attached  |
| the certification or, in his absenthe 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 the | est ranking official having day-to-day managerial and operation of a person designated by that person. For a local agency, the hest ranking operator does not have the ability to authorize capted by that person shall also sign the second certification at the atment works, the highest-ranking official of the contracted entat I have personally examined and am familiar with the informose individuals immediately responsible for obtaining the informate are significant penalties for submitting false information, in New Jersey water Pollution Control Act provides for penalties | highest ranking operator of<br>pital expenditures and hire position of this page. If the<br>ity shall sign the certification<br>action submitted in this document<br>mation, I believe that the in<br>cluding the possibility of an | the treatment works shall sign ersonnel, a person having that local agency has contracted with on.  ment and all attachments, and formation is true, accurate and ad/or imprisonment, pursuant |
| Thomas P. Joyce,   | Site Vice President - Salem   |   | Ν/Λ  |
| Thomas   | EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPER  | 06/16/2005  | GISTRY NUMBER (IF APPLICABLE)  856-339-2086  |
| SIGNATURE OF PRINCIPAL EXEC  | UTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR  | DATE  | AREA CODE/PHONE NUMBER   |
| person designated by that person.  | hest-ranking operator does not have the ability to authorize capital e.<br>shall sign the following certification:  |   |  |
| I certify under penalty of law and i   | n accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the at   | ached discharge monitoring re   | ports.   |
| N/A  | N/A   | <u>N/A</u>  | <u>N/A</u>   |
| NAME AND TITLE   | SIGNATURE   | DATE  | AREA CODE/PHONE NUMBER   |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

489A SW Outfall 489A

5/1/2005 TO 5/31/2005

**PSEG NUCLEAR LLC** 

| PARAMETER                                   |                       | QUANTITY C   | PR LOADING   | UNITS    | QUALI  | TY OR CONCENTR   | ATION  | UNITS    | NO.<br>EX.              | FREQ. OF<br>ANALYSIS    | SAMPLE<br>TYPE   |
|---|-----------------------|--|--|----------|--|--|--|----------|-------------------------|-------------------------|--|
| Flow, In Conduit or<br>Thru Treatment Plant | SAMPLE<br>MEASUREMENT | 0.0332   | 0.0332   |          | *****  | *****  | *****  |          | 0                       | IlMonth                 | CALCTIT  |
| 50050 1<br>Effluent Gross Value             | PERMIT<br>REQUIREMENT | REPORT<br>01MOAV   | REPORT 01DAMX  | MGD      |  |  |  | *****    |                         | 1/Month                 | CALCTD   |
|   | 泛OL系统                 | i od pri po <b>i i i i i i</b> i i i i i i i i i i i i i | STATE OF THE STATE | l        | HE STATE OF THE ST | The second second  | North Hand Services  |          | 21.2                    | 195 21 4 1 6 2 5        | all the state of the   |
| Н   | SAMPLE<br>MEASUREMENT | *****  | *****  |          | 7.8  | *****  | 7.8  |          | 0                       | 1/Month                 | GRAB   |
| 00400 1<br>Effluent Gross Value             | PERMIT                |  |  | *****    | 6.0<br>Ó1DAMN  |  | 9.0<br>01DAMX  | ຣບ       |                         | 1/Month                 | GRAB   |
|   | 医德 <b>克</b> 比特别       | The first branch between                                 | ANTENNA PROPERTY   |          | STATE OF THE PARTY |  | The second of th | :        | 後は                      | Tribulation of the same |  |
| Solids, Total Suspended                     | SAMPLE<br>MEASUREMENT | . *****  | *****  |          | 5  | 5  | *****  |          | 0                       | 1/Month                 | GRAB   |
| 00530 1<br>Effluent Gross Value             | PERMIT<br>REQUIREMENT |  | THE METERS OF THE SECOND   | •••••    | 100<br>01DAMX  | 30<br>01MOAV   |  | MG/L     |                         | 1/Month                 | GRAB   |
|   | STOLES!               | 1. (本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本                 | 20 0 10 10 10 10 10 10 10 10 10 10 10 10   | 1        | 10 10 10 10 10 10 10 10 10 10 10 10 10 1   | 20 70 70 Zimes   | THE STATE OF THE S |          | incast.                 | 4.2812.3                | The State of the S |
| Petroleum<br>Hydrocarbons                   | SAMPLE<br>MEASUREMENT | 44444  |  |          | *****  | 8  | 8  |          | o                       | IMONTA                  | GRAB   |
| 00551 1<br>Effluent Gross Value             | PERMIT                |  |  | *****    |  | 10<br>O1MOAV   | 15<br>01DAMX   | MG/L     | 5.35<br>2.35<br>2.13    | 1/Month                 | GRAB   |
|   | COLST!                | Marie deservation  | TATAMA ARABAMA CAMARA  | ]        | THE CANADAMAN STATE  | TANTON PURPORTURE TO STATE   | William Control  |          |                         | PARTIE L                |  |
| Carbon, Tot Organic (TOC)                   | SAMPLE<br>MEASUREMENT | *****  | *****  |          | *****  | 2  | 2  |          | 0                       | 1/Menth                 | GRAB   |
| 00680 1<br>Effluent Gross Value             | PERMIT<br>REQUIREMENT | 444.44 (1)   |  | ]        | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | BEPORT<br>01MOAV   | 50<br>01DAMX   | MG/L     |                         | 1/Month 2               | GRAB   |
|   | ji o⊾ de              |  | izaz Ministra  | <u> </u> | THE POWER  | 127 2 · · · · · · · · · · · · · · · · · ·  | 是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个  | <u> </u> | 1                       | THE PARTY               | A CONTRACTOR   |
| Lab Certification #                         | SAMPLE<br>MEASUREMENT | 17327  | 06431  |          | PA 343   | 1745]  |  |          |                         |                         |  |
| 99999 99<br>Lab                             | PERMIT                | REPORT   | REPORT Lab #   |          | REPORT   | REPORT Lab #   | REPORT Lab #   |          | 13.45<br>13.45<br>13.45 | Not Applic              | NOT AP   |
|   | <b>Cal</b>            | The second second  |  | ]        | The state of the s | Colored and and Colored  THE STATE OF THE S | 1        |                         |                         | The second 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".