SCH15-038
CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7014 1820 0001 0924 8001



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

OCT 15 2015

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

Dear Sir:

Attached is the Discharge Monitoring Report for the Salem Generating Station for the month of September 2015.

This report is required by and prepared specifically for the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analyses required to be performed by the above agencies. The choice of the measurement devices and analytical methods are controlled by the EPA and the NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or that any reading or analytical result represents the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

If you have any questions concerning this report, please feel free to contact Mark Pyle (856) 339-2331.

Sincerely,

John F. Perry

Site Vice President – Salem

Attachment (12 DMR's)

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

IE25 NRR

EXPLANATION OF CONDITIONS

September 2015

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex" on the enclosed DMR tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are noted on the respective transmittal sheet.

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the December 2007 revision of the NJDEP DMR Instruction Manual and specific guidance from DEP personnel.

DSN 481A-486A limits for Option 1 and Option 2 are incorrect. Data is entered correctly for Option 1 and Option 2 under their respective rows.

ATTACHMENT: None

EXPLANATION OF EXCEEDANCES

September 2015

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

EXPLANATION None

COUNTY OF SALEM STATE OF NEW JERSEY

- I, John F. Perry, of full age, being duly sworn according to law, upon my oath depose and say:
- 1. I am the Site Vice President Salem for PSEG Nuclear, and as such am authorized to sign Salem's Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
- 2. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.
- 3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.

Íohn F. Perry

Site Vice President - Salem

Sworn and subscribed before me this /5 day of October 2015

OFFICIAL SEAL
TINA L. GREGORY
NOTARY PUBLIC - NEW JERSEY
My Comm. Expires Aug. 11, 2020

| | MONITORING PERIOD | MONITORED LOCATION: | | | | | |
|---|--|---|--|--|--|--|--|
| NJ0005622 | Month Day Year 9 1 2015 To Month Day Year 9 30 2015 | FACA – SW Outfall FACA | | | | | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038 | REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038 | | | | | |
| | REGION / COUNTY: Southern / Salem C | County | | | | | |
| CHECK IF APPLICABLE: | : No Discharge this Monitoring Period Monitoring | Report Comments Attached | | | | | |
| responsibility or person designa | ghest ranking operator does not have the ability to authorize capital ated by that person shall also sign the second certification at the bo eatment works, the highest-ranking official of the contracted entity | ottom of this page. If the local agency has contracted with | | | | | |
| I certify under penalty of law that, based on my inquiry of the complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The | nat I have personally examined and am familiar with the information ose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up | on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ding the possibility of and/or imprisonment, pursuant | | | | | |
| certify under penalty of law the chat, based on my inquiry of the complete. I am aware that ther 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 information are are significant penalties for submitting false information, including Mew Jersey water Pollution Control Act provides for penalties up | on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ding the possibility of and/or imprisonment, pursuant to \$50,000 per violation. N/A | | | | | |
| certify under penalty of law the hat, based on my inquiry of the complete. I am aware that there o 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 information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up | on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ding the possibility of and/or imprisonment, pursuant to \$50,000 per violation. N/A OR GRADE AND REGISTRY NUMBER (IF APPLICABLE) | | | | | |
| I certify under penalty of law that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si NAME AND TITLE OF PRINCIPAL | 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 | on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ding the possibility of and/or imprisonment, pursuant to \$50,000 per violation. N/A | | | | | |
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| 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 John F. Perry, Si 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 are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR of the strangeng operator does not have the ability to authorize capital expensional sign the following certification: | on submitted in this document and all attachments, and tion, I believe that the information is true, accurate and ding the possibility of and/or imprisonment, pursuant to \$50,000 per violation. N/A OR GRADE AND REGISTRY NUMBER (IF APPLICABLE) 10/15/2015 856-339-3463 DATE AREA CODE/PHONE NUMBER additures and hire personnel, a person having that responsibility of the submitted in the submitt | | | | | |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACA SW Outfall FACA

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | \times | QUANTITY | OR LOADING | UNITS | QUA | LITY OR CONCENT | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|-----------------|-----------------|-------|-----------------|------------------|------------------|-------|------------|----------------------|-------------------------|
| Temperature, oC | SAMPLE MEASUREMENT | ***** | **** | | **** | 25.7 | 28.0 | | \$ | Continuolis | Contin |
| 00010 G Raw Sew/influent | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | 202 | Continuous | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Temperature, oC | SAMPLE MEASUREMENT | **** | ***** | | **** | 33.6 | 36.5 | | Ø | Continuois | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 46.1 01DAMX | DEG.C | | Continuous | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | 4.412-2-1-1-1 | er er stalle tressesses |
| Temperature, oC | SAMPLE MEASUREMENT | *** | ***** | | **** | 7.9 | 9.2 | | \$ | 1/D& Y | Celler |
| 00010 2 Effluent Net Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 15.3 01DAMX | DEG.C | | 1/Day | CS/CTC |
| | QL | ***** | ***** | | ***** | ***** | **** | | | | |
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab # | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | ***** | ***** | ***** | 7 | | 34.00 | |

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".

Surface Water Discharge Monitoring Report Submittal Form

MONITORING PERIOD

NJPDES PERMIT

MONITORED LOCATION:

| NJ0005622 | Month 9 | | ear To | Month 9 | Day 30 | Year 2015 | FACB – SW O | utfall FACB |
|---|--|--|---|---|-------------------------------------|--|--|--|
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | | PSE GEN ALL | CATION G NUCLEA IERATING OWAY CR NCOCKS BI | R LLC SA STATION EEK NECK | LEM RD | Ţ | REPORT REC PSEG NUCLEAR I PO BOX 236/N21 HANCOCKS BRID | LC |
| | | | REGION / | COUNTY: | Souther | n / Salem | County | |
| CHECK IF APPLICABL | LE: N | o Discharge t | his Monito | ring Period | | □ м | onitoring Report Commo | ents Attached |
| | v that I have p | ersonally exa | mined and | am familiar | with the | | ion submitted in this doc | on. ument and all attachments, and |
| to N.J.A.C. 7:14A-6.9(B). T | he New Jerse | ficant penalti y water Pollu | es for subm tion Contro | nitting false | informa | tion, inch | uding the possibility of a | |
| complete. I am aware that to N.J.A.C. 7:14A-6.9(B). T John F. Perry, NAME AND TITLE OF PRINCIP. | The New Jerse Site Vice Pres | ficant penalti y water Pollu sident - Salem | es for subm | nitting false I Act provid | informa | tion, incluenalties u | uding the possibility of an p to \$50,000 per violation | nd/or imprisonment, pursuant |
| to N.J.A.C. 7:14A-6.9(B). T John F. Perry, | The New Jerse Site Vice Pres | ficant penalti y water Pollu sident - Salem | es for subm | nitting false I Act provid | informa | tion, incluenalties u | p to \$50,000 per violation FOR GRADE AND RE | nd/or imprisonment, pursuant 1. N/A CGISTRY NUMBER (IF APPLICABLE) |
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| John F. Perry, NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EX | The New Jerse Site Vice Pres AL EXECUTIVE ECUTIVE OF E | ficant penalti y water Pollu dident - Salem OFFICER, AU CER, AUTHOR | es for submition Contro THORIZED A EIZED AGENT | nitting false I Act provid AGENT, OR | informa des for p *LICENSI NSED OP | tion, incliendation under the condition of the condition | p to \$50,000 per violation FOR GRADE AND RE 10/15/2015 DATE | nd/or imprisonment, pursuant N/A GISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER |
| John F. Perry, NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EX *For a local agency where the | Site Vice Pres AL EXECUTIVE ECUTIVE OF This highest-radking on shall sign th | ficant penalti y water Pollu dident - Salem COFFICER, AU CER, AUTHOR g operator does e following cen | es for submitton Control THORIZED A SIZED AGENT Si not have the | AGENT, OR * T, OR *LICE E ability to a. | informa des for p *LICENSI NSED OP | tion, incliendation with the condition of the condition o | TOR GRADE AND RE 10/15/2015 DATE enditures and hire personne. | nd/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER I, a person having that responsibility |
| John F. Perry, NAME AND TITLE OF PRINCIP. SIGNATURE OF PRINCIPAL EX *For a local agency where the person designated by that person | Site Vice Pres AL EXECUTIVE ECUTIVE OF This highest-radking on shall sign th | ficant penalti y water Pollu dident - Salem COFFICER, AU CER, AUTHOR g operator does e following cen | es for submitton Control THORIZED A SIZED AGENT Si not have the | AGENT, OR * T, OR *LICE E ability to a. | informa des for p *LICENSI NSED OP | tion, incliendation with the condition of the condition o | TOR GRADE AND RE 10/15/2015 DATE enditures and hire personne. | nd/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER I, a person having that responsibility |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACB SW Outfall FACB

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

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| PARAMETER | X | QUANTITY (| OR LOADING | UNITS | QUAL | ITY OR CONCENT | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
| Temperature, oC | SAMPLE MEASUREMENT | **** | ***** | | ***** | 25.7 | 28.0 | | ϕ | Continuous | Contin |
| 00010 G Raw Sew/influent | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | Continuous | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Temperature, oC | SAMPLE MEASUREMENT | ***** | ***** | | **** | 33.6 | 35.9 | | ϕ | Continuous | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 46.1 01DAMX | DEG.C | | Continuous | CONTIN |
| | QL | ***** | **** | | ***** | ***** | **** | | | | 15.00 m |
| Temperature, oC | SAMPLE MEASUREMENT | ***** | **** | | **** | 7.9 | 9.2 | | ϕ | 164 | Calctel |
| 00010 2 Effluent Net Value | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT 01MOAV | 15.3 01DAMX | DEG.C | | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Lab Certification # | SAMPLE MEASUREMENT | PA 166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab# | REPORT Lab # | | REPORT Lab# | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | 1000000 | |

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

| NJPDES PERMIT | MONITORING PERIOD | MONITORED LOCATION: | |
|--|--|--|---|
| NJ0005622 | Month Day Year 9 1 2015 To Month Day Year 9 30 2015 | FACC – SW Outfall FACC | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038 | REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038 | |
| | REGION / COUNTY: Southern / Salem | County | |
| CHECK IF APPLICABLE | : No Discharge this Monitoring Period | Monitoring Report Comments Attached | |
| responsibility or person design | ghest ranking operator does not have the ability to authorize capita ated by that person shall also sign the second certification at the bound of the second certification at the second certi | ottom of this page. If the local agency has contract | |
| responsibility or person design another entity to operate the trop of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | ated by that person shall also sign the second certification at the becament works, the highest-ranking official of the contracted entity that I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, inclusively. New Jersey water Pollution Control Act provides for penalties up | ottom of this page. If the local agency has contract shall sign the certification. on submitted in this document and all attachments, tion, I believe that the information is true, accurate ding the possibility of and/or imprisonment, pursu | that ed with and |
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| responsibility or person design another entity to operate the trop of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si | ated by that person shall also sign the second certification at the becament works, the highest-ranking official of the contracted entity that I have personally examined and am familiar with the informationse individuals immediately responsible for obtaining the informatic are significant penalties for submitting false information, inclusive New Jersey water Pollution Control Act provides for penalties up the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATED AGENT, OR *LICENSED AGENT | obttom of this page. If the local agency has contract shall sign the certification. on submitted in this document and all attachments, tion, I believe that the information is true, accurate ding the possibility of and/or imprisonment, pursu to \$50,000 per violation. N/A OR GRADE AND REGISTRY NUMBER (IF APPLICATION 10/15/2015 856-339-3463 | that ed with , and e and eant CABLE |
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACC SW Outfall FACC

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS | QUALIT | Y OR CONCENTRA | ATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|---------|-----------------|----------------|-----------------|-------|------------------|----------------------|----------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 2809 | 2881 | | **** | **** | **** | | ϕ | 1644 | Calctel |
| 50050 G Raw Sew/influent | PERMIT REQUIREMENT | 3024 01MOAV | REPORT 01DAMX | MGD | **** | ***** | ***** | ***** | | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Thermal Discharge Million BTUs per Hr | SAMPLE MEASUREMENT | 14471 | 15021 | | ***** | **** | **** | | ϕ | 1/Dev | Calctel |
| 00015 2 Effluent Net Value | PERMIT REQUIREMENT | REPORT 01MOAV | 30600 01DAMX | MBTU/HR | ***** | ***** | **** | ***** | | 1/Day | CALCTD |
| | QL | ***** | ***** | μ 5 | **** | ***** | ***** | | | | 1000 |
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | 3 | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab# | | REPORT Lab # | REPORT Lab# | REPORT Lab # | | Series Series | Not Applic | NOT AP |
| | QL | ***** | ***** | | **** | ***** | ***** | | | | |

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

Surface Water Discharge Monitoring Report Submittal Form

MONITORED LOCATION:

MONITORING PERIOD

NJPDES PERMIT

| NJ0005622 | Month Day 9 1 | Year 2015 | То | Month 9 | Day 30 | Year 2015 | 048C - S | W Out | fall 48C | |
|--|--|--|---|--|--|--|---|---|--|---|
| PERMITTEE: | | LOCAT | | | | <u>:</u> | | RT RECI | | 71- |
| PSE&G NUCLEAR LLC | | PSEG NU | | | LEM | | | JCLEAR L | LC | |
| 80 PARK PLAZA | | GENERA | | | | | PO BOX | | | |
| NEWARK, NJ 07101 | | ALLOWA HANCOC | | | | | HANCO | CKS BRIDG | GE, NJ 08038 | |
| | | REG | ION / G | COUNTY | : Souther | n / Salem | County | | | |
| CHECK IF APPLICABLE | : No Disc | charge this M | Ionitor | ing Perio | i | □м | onitoring Repo | rt Commei | nts Attached | |
| responsibility or person designation another entity to operate the tree | ated by that personated by that personated works, the | on shall also s e highest-ran | sign the iking of | e second of the | ertification he contra | on at the b cted entity | oottom of this p y shall sign the | age. If the certification | local agency has n. | contracted with |
| responsibility or person designanother entity to operate the treat another entity to operate the treat it certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | ated by that person eatment works, the hat I have person ose individuals in re are significant when Jersey water | on shall also see highest-ran ally examined nmediately repending penalties for penalties for | sign the aking of d and a espons r submi | e second c fficial of t am familia ible for ol itting fals | ertification the contract with the otaining the informa | on at the bected entity informatine information, inclu | oottom of this p y shall sign the ion submitted i ation, I believe ading the possi | age. If the certification this docu that the infibility of an | local agency has n. ment and all atta ormation is true, d/or imprisonme | contracted with |
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| responsibility or person designanother entity to operate the treat I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit | ated by that person eatment works, the hat I have person ose individuals in re are significant when Jersey water | on shall also see highest-ran ally examined nmediately repenalties for er Pollution Control | sign the aking of d and a espons r submi Control | e second of fficial of the firm familiant ible for ol itting fals Act prov | ertification the contract with the obtaining the informatides for page 1 | on at the b cted entity e informat the informat tion, inclu enalties up | oottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe | age. If the certification this docu that the infibility of an r violation. | local agency has n. ment and all atta ormation is true, d/or imprisonme | contracted with chments, and accurate and nt, pursuant |
| responsibility or person designanother entity to operate the treat I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit | ated by that person eatment works, the hat I have person ose individuals in re are significant when Jersey water | on shall also see highest-ran ally examined nmediately repenalties for er Pollution Control | sign the aking of d and a espons r submi Control | e second of fficial of the firm familiant ible for ol itting fals Act prov | ertification the contract with the obtaining the informatides for page 1 | on at the b cted entity e informat the informat tion, inclu enalties up | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe | age. If the certification this document that the infibility of an enviolation. | local agency has n. ment and all atta formation is true, d/or imprisonme N/A GISTRY NUMBER (| contracted with chments, and accurate and nt, pursuant |
| responsibility or person designanother entity to operate the treat of the control of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit NAME AND TITLE OF PRINCIPAL | ated by that person eatment works, the hat I have person ose individuals in the are significant. New Jersey water Vice President EXECUTIVE OFFI | on shall also see highest-ran ally examine ally examine penalties for Pollution Community - Salem | sign the king of d and a espons r submi Control | e second of fficial of the first am familia ible for olitting fals. Act prov. | ertification the contraining the informatides for posterior *LICENSE | on at the b cted entity e informat ne informat tion, incluenalties up | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe | age. If the certification this docu that the infibility of an r violation. | local agency has n. ment and all atta formation is true, d/or imprisonme N/A GISTRY NUMBER (856-339 | contracted with chments, and accurate and nt, pursuant |
| the certification. Where the hig responsibility or person designanother entity to operate the treatment of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit 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 eatment works, the hat I have person ose individuals in reare significant. New Jersey water Vice President EXECUTIVE OFFICER, Athest-ranking operations | on shall also see highest-ran ally examine ally examine mediately repealties for Pollution Cer Pollution Cer, AUTHORIZED ator does not he | sign the sking of d and a espons r submit Control RIZED A | e second of fficial of the first am familia ible for objecting fals. Act prov. | ertification the contraining t | e informat ne informat tion, incluenalties up | pottom of this p y shall sign the ion submitted i ation, I believe uding the possi p to \$50,000 pe | age. If the certification this document that the infibility of an environment of the control of | local agency has n. ment and all atta formation is true, d/or imprisonme N/A GISTRY NUMBER (856-339 AREA CODE/PH | contracted with chments, and accurate and nt, pursuant IF APPLICABLE -3463 IONE NUMBER |
| responsibility or person designanother entity to operate the treat another entity to operate the treat it certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit NAME AND TITLE OF PRINCIPAL EXECT SIGNATURE OF PRINCIPAL EXECT *For a local agency where the high | ated by that person eatment works, the hat I have person ose individuals in the are significant. New Jersey water Vice President EXECUTIVE OFFICER, A chest-ranking operashall sign the follows. | on shall also see highest-ran ally examine ally examine mediately rependities for Pollution Cer Pollution Cer, AUTHORIZED ator does not having certificant | sign the sking of d and a espons r submit Control RIZED A AGENT wave the stion: | e second of fficial of the fficial o | ertification the contraining the entaining t | e informat ne informat ne informat tion, incluenalties up ED OPERAT | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe TOR GRA DATE enditures and hir | age. If the certification this document that the infibility of an enviolation. DE AND RECO/15/2015 Description: | local agency has n. ment and all atta formation is true, d/or imprisonme N/A GISTRY NUMBER (856-339 AREA CODE/PH a person having the | contracted with chments, and accurate and nt, pursuant IF APPLICABLE) -3463 |
| responsibility or person designanother entity to operate the treat another entity to operate the treat it certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit NAME AND TITLE OF PRINCIPAL EXECUTED AND THE OF PRINCIPAL EXECUTED AND ADMINISTRATION OF PRINCIPAL EXECUTED AN | ated by that person eatment works, the hat I have person ose individuals in the are significant. New Jersey water Vice President EXECUTIVE OFFICER, A chest-ranking operashall sign the follows. | on shall also see highest-ran ally examine ally examine mediately rependities for Pollution Cer Pollution Cer, AUTHORIZED ator does not having certificant | sign the sking of d and a espons r submit Control RIZED A AGENT wave the stion: | e second of fficial of the fficial o | ertification the contraining the entaining t | e informat ne informat ne informat tion, incluenalties up ED OPERAT | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe FOR GRA DATE Enditures and hir | age. If the certification this document that the infibility of an enviolation. DE AND RECO/15/2015 Description: | local agency has n. ment and all atta formation is true, d/or imprisonme N/A GISTRY NUMBER (856-339 AREA CODE/PH a person having the ports. | contracted with chments, and accurate and nt, pursuant IF APPLICABLE, -3463 ONE NUMBER |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

048C SW Outfall 48C

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | \times | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENTE | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|-------|-----------------|------------------|-----------------|-------|------------|----------------------|----------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 0.3041 | 0.4923 | | ***** | ***** | **** | 1 | \$ | Day | |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | ***** | ***** | ***** | | 1/Day | Calcto |
| | QL | ***** | ***** | | ***** | ***** | ***** | 1 | | | |
| Solids, Total Suspended | SAMPLE MEASUREMENT | ***** | **** | | **** | 9 | 10 | 1 | \$ | 2/month | Compa |
| 00530 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | 30 01MOAV | 100 01DAMX | MG/L | | 2/Month | COMPOS |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Nitrogen, Ammonia Total (as N) | SAMPLE MEASUREMENT | **** | **** | | **** | 18 | 25 | | ϕ | 7/mosth | Сотра |
| 00610 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | 35 01MOAV | 70 01DAMX | MG/L | | 2/Month | COMPOS |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Petroleum Hydrocarbons | SAMPLE MEASUREMENT | ***** | **** | | ***** | <2 | <2 | | \$ | 2/month | Grab |
| 00551 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | **** | ***** | ***** | 10 01MOAV | 15 01DAMX | MG/L | | 2/Month | GRAB |
| | QL | ***** | **** | | ***** | ***** | ***** | | | | |
| Carbon, Tot Organic (TOC) | SAMPLE MEASUREMENT | ***** | **** | | **** | 13 | 16 | | 0 | 3/month | Compas |
| 00680 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 50 01DAMX | MG/L | 1 | 2/Month | COMPOS |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Lab Certification # | SAMPLE MEASUREMENT | PA 166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab # | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | **** | 1 1 | ***** | ***** | ***** | - | | | |

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 Month Day Vear Month Day | | | | | | | | MONI | TORED LOCATION: |
|--|---|---|--|--|--|--|--|--|---|
| NJ0005622 | Month 9 | Day 1 | Year 2015 | То | Month 9 | Day 30 | Year 2015 | 481A – SW (| Outfall 481A |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | | | LOCAT PSEG NU GENERAT ALLOWA HANCOC | CLEAR FING S' Y CRE | LLC SA TATION EK NECK | LEM RD | <u>£</u> | REPORT R PSEG NUCLE. PO BOX 236/N HANCOCKS E | AR LLC |
| | | × | REG | ION / C | COUNTY: | Souther | rn / Salen | County | |
| CHECK IF APPLICABLE | E: No | Discharg | ge this Mo | nitoring | g Period | \boxtimes | Monitorin | g Report Comments | Attached |
| another entity to operate the to | reatment wor | ks, the hi | hall also s ighest-ran | ign the king off | second ce | ertificatione contra | on at the lacted entit | pottom of this page. It y shall sign the certification | |
| another entity to operate the transfer in the first another entity under penalty of law that, based on my inquiry of the complete. I am aware that the | that I have p hose individuere are signification | ks, the hi ersonally hals imme | hall also s ighest-rand examined ediately re nalties for | ign the king off and an esponsite submit | second ce ficial of the m familiar ble for obtaining false | ertificatione contractions with the taining to information in the contraction in the cont | on at the lacted entite information, inclination | pottom of this page. It yes shall sign the certification submitted in this ation, I believe that the thing the possibility | f the local agency has contracted with cation. document and all attachments, and ne information is true, accurate and of and/or imprisonment, pursuant atton. |
| I certify under penalty of law that, based on my inquiry of t complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | that I have p hose individuere are significate New Jersey | ks, the hi ersonally hals imme ficant per y water P ident - Sa | hall also s ighest-rand examined ediately re- nalties for collution C | ign the king off and are esponsil submit | second ce ficial of the m familiar ble for obt tting false Act provide | ertification e contraction with the taining to information des for p | on at the lacted entite information, included | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility p to \$50,000 per viole | f the local agency has contracted with cation. document and all attachments, and ne information is true, accurate and of and/or imprisonment, pursuant ation. N/A |
| I certify under penalty of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | that I have p hose individuere are significate New Jersey | ks, the hi ersonally hals imme ficant per y water P ident - Sa | hall also s ighest-rand examined ediately re- nalties for collution C | ign the king off and are esponsil submit | second ce ficial of the m familiar ble for obt tting false Act provide | ertification e contraction with the taining to information des for p | on at the lacted entite information, included | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility p to \$50,000 per viole | f the local agency has contracted with cation. document and all attachments, and ne information is true, accurate and of and/or imprisonment, pursuant nation. N/A D REGISTRY NUMBER (IF APPLICABLE) |
| I certify under penalty of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPA | that I have p hose individuere are significate New Jersey ite Vice Pres | ks, the hisersonally hals immedicant per y water P ident - Secondary | hall also sighest-rand examined ediately renalties for Pollution Caleman, AUTHOR | ign the king off and an esponsil submit Control A | second ce ficial of the m familiar ble for obs tring false Act provides | ertificatione contractions with the taining to information of the tail of the | on at the lacted entite information, includenalties u | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility p to \$50,000 per violent to \$50,000 per | f the local agency has contracted with cation. document and all attachments, and ne information is true, accurate and of and/or imprisonment, pursuant nation. N/A D REGISTRY NUMBER (IF APPLICABLE) |
| I certify under penalty of law that, based on my inquiry of t complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL EXE | that I have p hose individuere are significe New Jersey ite Vice Preson LEXECUTIVE | ks, the his ersonally hals immedicant per y water P ident - Sa cofficer, AUT operator | hall also sighest-rand examined ediately renalties for Pollution Calemar, AUTHOR | ign the king off and are esponsil submit Control AIZED ACC | second ce ficial of the m familiar ble for obtaining false Act provide GENT, OR * | ertificatione contractions with the taining to information of the taining to information of the taining the tainin | on at the letted entite information, includenalties under the control of the cont | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility p to \$50,000 per violation. TOR GRADE AN 10/15/2 DATE | f the local agency has contracted with feation. document and all attachments, and he information is true, accurate and of and/or imprisonment, pursuant action. N/A D REGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER |
| I certify under penalty of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL EXESTENCIPAL EXEST | that I have phose individuere are significated New Jerses ite Vice Presente EXECUTIVE OFFI ighest-ranking in shall sign the | ersonally hals immedicant per y water P ident - Se OFFICER CER, AUT operator e followin | chall also sighest-rand examined ediately remaities for Pollution Calemas, AUTHOR | ign the king off and an esponsil submit Control ACAGENT, ave the cion: | second ce ficial of the m familiar ble for observing false Act provide GENT, OR * | ertification e contract with the taining to information des for posterior extraction of the tail of th | on at the letted entite information, including enalties under the control of the | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility prospective to \$50,000 per violation. TOR GRADE AN 10/15/2 DATE enditures and hire person | f the local agency has contracted with feation. document and all attachments, and he information is true, accurate and of and/or imprisonment, pursuant ation. N/A D REGISTRY NUMBER (IF APPLICABLE) 2015 856-339-3463 AREA CODE/PHONE NUMBER Donnel, a person having that responsibility |
| another entity to operate the to I certify under penalty of law that, based on my inquiry of t complete. I am aware that th to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S NAME AND TITLE OF PRINCIPAL EXESTER A local agency where the hadron some content of the second se | that I have phose individuere are significated New Jerses ite Vice Presente EXECUTIVE OFFI ighest-ranking in shall sign the | ersonally hals immedicant per y water P ident - Se OFFICER CER, AUT operator e followin | chall also sighest-rand examined ediately remaities for Pollution Calemas, AUTHOR | ign the king off and an esponsil submit Control ACAGENT, ave the cion: | second ce ficial of the m familiar ble for observing false Act provide GENT, OR * | ertification e contract with the taining to information des for posterior extraction of the tail of th | on at the letted entite information, including enalties under the control of the | pottom of this page. It y shall sign the certification submitted in this ation, I believe that the thing the possibility prospective to \$50,000 per violation. TOR GRADE AN 10/15/2 DATE enditures and hire person | f the local agency has contracted with feation. document and all attachments, and he information is true, accurate and of and/or imprisonment, pursuant ation. N/A D REGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER Donnel, a person having that responsibility |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

481A SW Outfall 481A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | | QUANTITY | OR LOADING | UNITS | QUALIT | Y OR CONCENTR | ATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|-------|------------------|------------------|------------------|-------|------------|----------------------|----------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 476 | 484 | | ***** | ***** | ***** | | ø | 1/094 | Calctel |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | ***** | ***** | ***** | | 1/Day | CALCTD |
| | QL | **** | ***** | | ***** | ***** | ***** | | | | |
| Н | SAMPLE MEASUREMENT | ***** | ***** | | 7.4 | **** | 7.7 | | Ø | /week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ANRAAN | **** | ***** | 6.0 01DAMN | ***** | 9.0 01DAMX | SU | | 1/Week | GRAB |
| | QL | ***** | ***** | | ***** | ***** | **** | | | | |
| pH | SAMPLE MEASUREMENT | ***** | **** | | 7.1 | **** | 8.4 | | ϕ | 1/week | Grab |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT 01DAMN | ***** | REPORT 01DAMX | SU | | 1/Week | GRAB |
| | QL. | ***** | ***** | | ***** | ***** | ***** | | | | |
| LC50 Statre 96hr Acu Cyprinodon | SAMPLE MEASUREMENT | ***** | **** | | Code=N | **** | **** | | ϕ | Cocle=N | Code = N |
| TAN6A 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 50 01DAMN | ***** | ***** | %EFFL | | 2/Year | COMPOS |
| | QL | ***** | **** | | ***** | ***** | **** | | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | **** | | ***** | Code=N | Code=N | | \$ | Cocle=N | Cock=N |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | 0.3 01MOAV | 0.5 01DAMX | MG/L | Add | 3/Week | GRAB |
| Option 1 | QL | ***** | ***** | | ***** | **** | ***** | 7 | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <000 | <001 | | \$ | 3/ Kueek | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | | 3/Week | GRAB |
| Option 2 | QL | ***** | ***** | | ***** | ***** | ***** | | | | |

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

481A SW Outfall 481A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENTI | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|-----------------|-----------------|--------|-----------------|------------------|------------------|-------|------------|--|-----------------------|
| Temperature, oC | SAMPLE MEASUREMENT | ***** | **** | | ***** | 33.6 | 39.0 | | ø | 1/094 | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ****** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | 4 10 10 10 10 10 10 10 10 10 10 10 10 10 | |
| Lab Certification # | SAMPLE MEASUREMENT | PA 166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab # | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | **** | **** | | **** | ***** | ***** | | | 1-57-696 | and the second second |

| NJPDES PERMIT | | M | ONITO | RING PERIC |)D | | | IONITOR | MONITORED LOCATION: | | | | | |
|--|--|---|--|--|---|--|---|---|---|---|--|--|--|--|
| NJ0005622 | Month 9 | Day 1 | Year 2015 | To Month | Day 30 | Year 2015 | 482A – S | W Outf | all 482A | | | | | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | | Ī | PSEG NU GENERA ALLOWA | CION OF ACT CLEAR LLC SA TING STATION AY CREEK NEC EKS BRIDGE, N. | ALEM I K RD | <u>:</u> | PSEG NU PO BOX | | | | | | | |
| | | | REG | ION / COUNTY | : Southe | rn / Salem | County | | | | | | | |
| CHECK IF APPLICABL | E: No | Discharg | | onitoring Period | | | | nents Attacl | ned | | | | | |
| responsibility or person desig | nated by that | person sl | hall also s | sign the second | certificati | on at the b | ottom of this p | nge. If the l | ocal agency has con | | | | | |
| responsibility or person design another entity to operate the truly to operate the truly to entity of law that, based on my inquiry of the complete. I am aware that the truly of the N.J.A.C. 7:14A-6.9(B). | mated by that reatment wor that I have p those individu here are signi- the New Jersey | person sl ks, the hi ersonally uals imme ficant per y water Pe | hall also s ghest-ran examined ediately re nalties for ollution C | sign the second of king official of d and am familia esponsible for or submitting fals | certificati the contra ar with the btaining to be informate | on at the bacted entity e informat the information, inclu- | oottom of this p y shall sign the ion submitted i ation, I believe ading the possi | nge. If the locertification this document that the infomition of and | nocal agency has contain. ment and all attachmormation is true, accordior imprisonment, | ntracted with nents, and purate and | | | | |
| responsibility or person design another entity to operate the truly to operate the truly certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | mated by that reatment wor that I have p those individuate are significate New Jersey Site Vice Pres | person sl ks, the hi personally uals imme ficant per y water Persident - Sa | hall also s ghest-ran examined ediately re nalties for ollution C | sign the second of king official of d and am familia esponsible for or submitting fals Control Act prov | certificati the contra or with the btaining to e informations for p | on at the bacted entity e informatche information, inclu- benalties u | oottom of this p y shall sign the ion submitted i ation, I believe uding the possi p to \$50,000 pe | nge. If the locertification this document that the infomitive of and reviolation. | n. ment and all attachn ormation is true, according imprisonment, N/A | ntracted with nents, and curate and pursuant | | | | |
| responsibility or person design another entity to operate the truly to operate the truly certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | mated by that reatment wor that I have p those individuate are significate New Jersey Site Vice Pres | person sl eks, the hi personally uals imme ficant per y water Persident - Sa experiences | hall also s ghest-ran examined ediately re nalties for ollution C | sign the second of king official of d and am familia esponsible for or submitting fals Control Act prov | certificati the contra or with the btaining to e informations for p | on at the bacted entity e informatche information, inclu- benalties u | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe | nge. If the locertification this document that the infomitive of and reviolation. | n. ment and all attachmormation is true, according imprisonment, N/A EISTRY NUMBER (IF A | ntracted with nents, and curate and pursuant | | | | |
| responsibility or person design another entity to operate the truly to operate the truly to operate the truly that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Some | that I have perhaps those individual ere are significated by the New Jersey Site Vice Present EXECUTIVE | person sl eks, the hi personally uals imme ficant per y water Posident - Sa cofficer | hall also s ghest-ran examined ediately re nalties for ollution C alem | sign the second of king official of d and am familia esponsible for or submitting fals Control Act proventials AGENT, OR | certificati the contra or with th btaining t e informa ides for p | on at the bacted entity e informatche informatche informatche informatche under the benealties upon the backets of the backets | pottom of this p y shall sign the ion submitted i ation, I believe ading the possi p to \$50,000 pe | nge. If the lacertification this document that the information of and reviolation. | n. ment and all attachn ormation is true, according imprisonment, N/A | ntracted with ments, and curate and pursuant | | | | |
| responsibility or person designanother entity to operate the to I certify under penalty of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The solution of the person designated by that person designated by the p | that I have per those individual in the New Jerses LEXECUTIVE OFFI in the shall sign by the shall sign | person sl ersonally uals imme ficant per y water Posident - Sa COFFICER CER, AUTO g perator e following | hall also sighest-ran examined ediately re ediately re collution Collution Collution Collution HORIZED does not hig certificat | sign the second of king official of d and am familia esponsible for or submitting fals Control Act provential AGENT, OR *LIC tave the ability to tion: | certificati the contra or with th btaining to the information of the information of the contra *LICENS ENSED OF authorize | e informatche info | pottom of this p y shall sign the ion submitted i ation, I believe uding the possi p to \$50,000 pe TOR GRA DATE enditures and hir | nge. If the locertification this document that the information of and reviolation. DE AND RECOMPTS 15/2015 | nocal agency has contain. ment and all attachmormation is true, according imprisonment, N/A EISTRY NUMBER (IF / 856-339-34 AREA CODE/PHON a person having that | ntracted with ments, and curate and pursuant APPLICABLE) 63 E NUMBER | | | | |
| NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXI *For a local agency where the h | that I have per those individual in the New Jerses LEXECUTIVE OFFI in the shall sign by the shall sign | person sl ersonally uals imme ficant per y water Posident - Sa COFFICER CER, AUTO g perator e following | hall also sighest-ran examined ediately re ediately re collution Collution Collution Collution HORIZED does not hig certificat | sign the second of king official of d and am familia esponsible for or submitting fals Control Act provential AGENT, OR *LIC tave the ability to tion: | certificati the contra or with th btaining to the information of the information of the contra *LICENS ENSED OF authorize | e informatche info | pottom of this p y shall sign the ion submitted i ation, I believe uding the possi p to \$50,000 pe FOR GRA DATE enditures and hir | nge. If the locertification this document that the information of and reviolation. DE AND RECOMPTS 15/2015 | nocal agency has contain. ment and all attachmormation is true, according imprisonment, N/A EISTRY NUMBER (IF / 856-339-34 AREA CODE/PHON a person having that | ntracted with ments, and curate and pursuant APPLICABLE) 63 E NUMBER responsibility | | | | |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | \times | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENTE | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|-------|------------------|------------------|------------------|-------|------------|----------------------|---------------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 512 | 526 | | ***** | **** | **** | | \$ | 1/Day | Calctd |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | ***** | ***** | ***** | | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | and Substitution of |
| рН | SAMPLE MEASUREMENT | **** | ***** | | 7.4 | **** | 7.6 | | \$ | 1/week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.0 01DAMN | ***** | 9.0 01DAMX | SU | 1 | 1/Week | GRAB |
| | QL | **** | **** | | ***** | ***** | ***** | | | | CHE SEL |
| pH | SAMPLE MEASUREMENT | ***** | **** | | 7.1 | **** | 8.4 | | Ø | Week | Gra6 |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | ***** | REPORT 01DAMN | ***** | REPORT 01DAMX | su | - (| 1/Week | GRAB |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | 44.5 | 1000 |
| LC50 Statre 96hr Acu Cyprinodon | SAMPLE MEASUREMENT | ***** | **** | | Code=N | **** | ***** | | \$ | Cock=N | Code = N |
| TAN6A 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 50 01DAMN | ***** | ***** | %EFFL | | 2/Year | COMPOS |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | 200 |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | **** | **** | | ***** | Code = N | Cock=H | | \$ | Code=N | Cock=N |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | 0.3 01MOAV | 0.5 01DAMX | MG/L | | 3/Week | GRAB |
| Option 1 | QL | ***** | ***** | | ***** | ***** | ***** | | | | APROLETICAL STREET |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | **** | **** | | ***** | <001 | <0.1 | | \$ | 3/week | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | | 3/Week | GRAB |
| Option 2 | QL | ***** | ***** | | ***** | ***** | **** | | 7.000 | | halfware fall car |

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENT | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|----------------|-----------------|-------|-----------------|------------------|------------------|-------|------------|----------------------|------------------|
| Temperature, | SAMPLE MEASUREMENT | **** | ***** | | **** | 33.7 | 37.3 | | ϕ | 1/Day | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | 115 20 |
| Lab Certification # | SAMPLE MEASUREMENT | PA 166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab# | REPORT Lab # | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | 0.00-0.00-0.00-0 |

| NJPDES PERMIT | | MONIT | ORING | G PERIO | D | | | MONITO | ORED I | LOCATIO | N: |
|--|--|---|--|--|--|--|--|--|--|---|--|
| NJ0005622 | Month 9 | Day Yea 1 201 | | Month 9 | Day 30 | Year 2015 | 483A - | - SW Ou | tfall 4 | 83A | |
| PERMITTEE: | | | | OF ACT | | <u>:</u> | | ORT REC | | <u> </u> | |
| PSE&G NUCLEAR LLC | | | | R LLC SA | LEM | | | NUCLEAR : | LLC | | |
| 30 PARK PLAZA NEWARK, NJ 07101 | | ALLO | WAY CR | STATION EEK NECK RIDGE, NJ | | | | OX 236/N21 COCKS BRII | OGE, NJ | 08038 | |
| | | R | EGION / | COUNTY | : Southe | rn / Salem | County | | | | |
| CHECK IF APPLICABLE | : No I | Discharge thi | Monitor | ing Period | | М | onitoring R | eport Comm | ents Atta | iched | |
| the certification or, in his abserthe certification. Where the higresponsibility or person designation another entity to operate the tree | thest ranking of the high that per atment works | operator doe erson shall al , the highest | that person not have so sign the ranking o | on. For a lot the ability e second conficial of the | to author to author to the contra | orize capit on at the b acted entity | al expenditu ottom of th y shall sign | ires and hire page. If the the certification | oersonne e local ag on. | l, a person h gency has co | shall sign aving that ntracted with |
| the certification or, in his absert the certification. Where the higher the certification. Where the higher the certification. Where the higher the certification is another entity to operate the tree of certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | the a person deghest ranking of the degree that person at I have person individual re are significated. New Jersey v | operator doe erson shall al , the highest- sonally exam ls immediate ant penalties water Pollutio | that person not have so sign the ranking of ned and a y respons for subm | on. For a lot the ability e second confficial of the second conficial of the second conficial of the second conficial of the second conficial conficial of the second conficial | to authoritication to the contract with the contract with the contract aining to the information to the contract are the cont | orize capitation at the bacted entity information, including | al expenditu ottom of th y shall sign ion submitt ation, I beli uding the po | ares and hire pais page. If the the certification does not this document the inconsibility of a | personne e local agon. ument andformationd/or im | l, a person h gency has co nd all attachi on is true, ac | shall sign aving that ntracted with nents, and curate and |
| the certification or, in his abserthe certification. Where the highest responsibility or person designation another entity to operate the tree of certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | ace a person deghest ranking of the degree o | operator doe erson shall al , the highest- sonally exam ls immediate ant penalties water Pollution | that person not have so sign the ranking o ned and a y respons for subm n Control | on. For a lot the ability e second conficial of the se | to author to author to author to author to author to the contract with the taining to information for p | orize capite on at the b acted entity e informat he informat ation, includenalties up | al expendituottom of the y shall sign ion submittation, I beliading the per period to \$50,000 | ares and hire page. If the the certification of the | personne e local agon. ument anformationd/or imation. N/A | l, a person h gency has co nd all attachi on is true, ac prisonment, | shall sign aving that ntracted with nents, and curate and pursuant |
| the certification or, in his abserthe certification. Where the highest responsibility or person designation another entity to operate the treat certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | ace a person deghest ranking of the degree o | operator doe erson shall al , the highest- sonally exam ls immediate ant penalties water Pollution ent - Salem FFICER, AUTI | that person not have so sign the ranking o ned and a y respons for subm n Control | on. For a lot the ability e second conficial of the se | to author to author to author to author to author to the contract with the taining to information for p | orize capite on at the b acted entity e informat he informat ation, includenalties up | al expendituottom of the y shall sign ion submittation, I beliading the per period to \$50,000 | ares and hire pais page. If the the certification does not this document the inconsibility of a | personne e local agon. ument anformationd/or imation. N/A EGISTRY | l, a person h gency has co nd all attachi on is true, ac prisonment, | shall sign aving that ntracted with nents, and curate and pursuant |
| the certification or, in his abserthe certification. Where the highest responsibility or person designal another entity to operate the tree. I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sit NAME AND TITLE OF PRINCIPAL | ace a person deghest ranking of the degree that person deather works at I have person individual reare signific. New Jersey very very very very very very very ve | operator doe erson shall al , the highest-sonally exam ls immediate ant penalties water Pollutionent - Salem FFICER, AUTI | that person not have so sign the ranking of the ned and a sy responsion for submin Control ORIZED A | on. For a lot the ability e second conficial of the manifest for object of the form of the | to authoritication to the contract the contract the contract that the staining to the contract that th | orize capite on at the b acted entity e informat he informat ition, inclusenalties up | al expendituottom of the y shall sign ion submittation, I beliading the per period to \$50,000 | ures and hire pais page. If the the certification decreased in this document the inconsibility of a per violation GRADE AND RI | on. ument and formation and f | l, a person h gency has co nd all attachi on is true, ac prisonment, | shall sign aving that intracted with ments, and curate and pursuant |
| the certification or, in his absert the certification. Where the higher the certification. Where the higher the certification. Where the higher the certification is another entity to operate the tree of the certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | tice a person deghest ranking of the degree that person at I have person at I have person individual reare signific. New Jersey very levice President EXECUTIVE OFFICE thest-ranking of | operator doe erson shall al , the highest sonally exam ls immediate ant penalties water Pollution ent - Salem FFICER, AUTICAL AUTICAL CRANTHORIZ | that person not have so sign the ranking of the ned and a sy responsion for submin Control ORIZED A SED AGENT | on. For a lot the ability e second conficial of the se | to authorized to to authorize the contract with the extraction of the training to the information of the training to the training training to the training train | orize capite on at the bacted entity e informat the information, includenalties upper an operation. | al expendituottom of the y shall sign ion submitted in the polyton of the polyton | ures and hire page. If the the certification of the | personne e local ag on. ument an aformation nd/or im n. N/A EGISTRY ARE/ | l, a person h gency has co nd all attachi on is true, ac prisonment, NUMBER (IF) 856-339-34 | shall sign aving that ntracted with ments, and curate and pursuant APPLICABLE) 63 E NUMBER |
| the certification or, in his abserthe certification. Where the highest responsibility or person designal another entity to operate the treat I certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sitted NAME AND TITLE OF PRINCIPAL EXECT SIGNATURE OF PRINCIPAL EXECT *For a local agency where the highest properties of the same and the same and the same and the same are the sa | tice a person deghest ranking of the degree that person at I have person at I have person individual reare signific. New Jersey verside EXECUTIVE OF THE Control of the stranking of the strankin | operator doe erson shall al , the highest sonally exam ls immediate ant penalties water Pollution ent - Salem FFICER, AUTICAL CRANTHORIZ Deputor does not lowing certification of the property of the period of the | that person not have so sign the ranking of the notation of th | on. For a lot the ability e second conficial of the se | to authorize of | erize capite on at the bacted entity e informat the information, incluenalties upon the operation of the capital experience of the capital experience of the operation of the capital experience of the operation of the capital experience of the operation of the o | al expenditue of the state of t | ures and hire pis page. If the the certification does not this document that the irrossibility of a per violation GRADE AND RI 10/15/2015 | personne e local ag on. ument an aformatio nd/or im n. N/A EGISTRY AREA al, a perso | l, a person h gency has co nd all attachi on is true, ac prisonment, NUMBER (IF) 856-339-34 | shall sign aving that ntracted with nents, and curate and pursuant APPLICABLE) 63 E NUMBER |
| the certification or, in his abserthe certification. Where the higher esponsibility or person designation another entity to operate the tree of certify under penalty of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Sitter of Principal of Principal execution of the complete of Principal execution of the certification of the certific | tice a person deghest ranking of the degree that person at I have person at I have person individual reare signific. New Jersey verside EXECUTIVE OF THE Control of the stranking of the strankin | operator doe erson shall al , the highest sonally exam ls immediate ant penalties water Pollution ent - Salem FFICER, AUTICAL CRANTHORIZ Deputor does not lowing certification of the property of the period of the | that person not have so sign the ranking of the notation of th | on. For a lot the ability e second conficial of the se | to authorize of | erize capite on at the bacted entity e informat the information, incluenalties upon the operation of the capital experience of the capital experience of the operation of the capital experience of the operation of the capital experience of the operation of the o | al expenditue of the state of t | ures and hire pis page. If the the certification does not this document that the irrossibility of a per violation GRADE AND RI 10/15/2015 | personne e local ag on. ument an aformatio nd/or im n. N/A EGISTRY AREA al, a perso | l, a person h gency has co nd all attachi on is true, ac prisonment, NUMBER (IF) 856-339-34 | shall sign aving that ntracted with nents, and curate and pursuant APPLICABLE) 63 E NUMBER responsibility |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENTR | ATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|-----------|------------------|------------------|------------------|---------|------------|----------------------|----------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 553 | 570 | | ***** | ***** | ***** | | ϕ | 1/Dsy | Calcto |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | **** | ***** | ***** | | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | 1000 | |
| pН | SAMPLE MEASUREMENT | **** | **** | | 7.4 | **** | 7.7 | | ϕ | 1/week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.0 01DAMN | ***** | 9.0 01DAMX | su | | 1/Week | GRAB |
| | QL | ***** | ***** | es Off | ***** | ***** | ***** | | | - 10 L 19 40 1 | |
| pH . | SAMPLE MEASUREMENT | ***** | **** | | 7.1 | **** | 8.4 | | ϕ | 1/week | Grab |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | ***** | REPORT 01DAMN | ***** | RÉPORT 01DAMX | su | | 1/Week | GRAB |
| | QL | ***** | ***** | | ***** | **** | ***** | | | | 46.54 |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | ***** | | ***** | Code=N | Code = N | | ϕ | Cock=H | code=H |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | **** | ***** | ***** | 0.3 01MOAV | 0.5 01DAMX | MG/L | | 3/Week | GRAB |
| Option 1 | QL | **** | ***** | | ***** | ***** | ***** | <u></u> | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | ***** | | **** | <001 | <001 | | ϕ | 3/week | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | | 3/Week | GRAB |
| Option 2 | QL | ***** | ***** | | ***** | ***** | ***** | | | 1000 | 41,054,000 |
| Temperature, oC | SAMPLE MEASUREMENT | **** | **** | | **** | 33.5 | 36.4 | | Ø | Day | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |

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

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENTE | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------|-----------------------|----------------|-----------------|-------|-----------------|-----------------|-----------------|-------|------------|----------------------|----------------|
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab# | REPORT Lab # | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | **** | ***** | **** | | | 01424124-07 | 1000 |

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

| NJPDES PERMIT | MONITORING PERIOD | MONITOR | RED LOCATION: |
|--|--|--|--|
| NJ0005622 | Month Day Year 9 1 2015 To Month Day Year 9 30 2015 | 484A – SW Outf | fall 484A |
| PERMITTEE: | LOCATION OF ACTIVITY: | REPORT RECH | PIENT: |
| SE&G NUCLEAR LLC | PSEG NUCLEAR LLC SALEM | PSEG NUCLEAR LI | |
| 0 PARK PLAZA | GENERATING STATION | PO BOX 236/N21 | |
| NEWARK, NJ 07101 | ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038 | HANCOCKS BRIDO | E, NJ 08038 |
| | DECION / COUNTY C II (C.) | | |
| CHECK IF APPLICABLE | REGION / COUNTY: Southern / Salem Co | ounty Report Comments Attacl | hed |
| | nce a person designated by that person. For a local agency, the higher | | |
| he certification. Where the his esponsibility or person design another entity to operate the trocertify under penalty of law that, based on my inquiry of the complete. I am aware that the o N.J.A.C. 7:14A-6.9(B). The | nce a person designated by that person. For a local agency, the higher ghest ranking operator does not have the ability to authorize capital exacted by that person shall also sign the second certification at the bott examined works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information was individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem | expenditures and hire pe tom of this page. If the l hall sign the certification in submitted in this docur on, I believe that the info ling the possibility of and | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and |
| the certification. Where the historesponsibility or person design another entity to operate the tropic certify under penalty of law to that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si | ghest ranking operator does not have the ability to authorize capital eated by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information lose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ACTION A | expenditures and hire petom of this page. If the least the least the sign the certification in submitted in this document, I believe that the infoing the possibility of and the state of \$50,000 per violation. GRADE AND REGREE | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant N/A EISTRY NUMBER (IF APPLICABLE) |
| the certification. Where the historesponsibility or person design another entity to operate the tropic certify under penalty of law to that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si NAME AND TITLE OF PRINCIPAL | ghest ranking operator does not have the ability to authorize capital effect atted by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information to see individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR AUTHOR AUTHORIZED AGENT, OR *LICENSED OPERATOR AUTHORIZED AGENT, OR *LICENSED OPERATOR AUTHORIZED AGENT, OR *LICENSED AGENT, OR *LICENS | expenditures and hire petom of this page. If the library hall sign the certification in submitted in this document, I believe that the infecting the possibility of and the possibility | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant N/A SISTRY NUMBER (IF APPLICABLE) 856-339-3463 |
| the certification. Where the his responsibility or person design another entity to operate the trop of the certify under penalty of law to that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTED AND ADDITIONAL EXECUTED ADDITIONAL EXECUTED AND ADDITIONAL EXECUTED AND ADDITIONAL EXECUTED ADDITIONAL EXECU | ghest ranking operator does not have the ability to authorize capital eated by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information lose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ACTION A | expenditures and hire per tom of this page. If the line hall sign the certification in submitted in this document, I believe that the information of the possibility of and the possibi | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant N/A EISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER |
| the certification. Where the higher esponsibility or person design another entity to operate the trop of the certify under penalty of law to that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTED AND ASSESSED ASSESSED OF THE CONTROL OF PRINCIPAL EXECUTED ASSESSED ASSESSED OF THE PRINCIPAL EXECUTED ASSESSED ASSESSED OF THE PERSON DESIGNATION O | ghest ranking operator does not have the ability to authorize capital eated by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information tose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR CUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR Sphest-vanling operator does not have the ability to authorize capital expenditure. | expenditures and hire petom of this page. If the line hall sign the certification in submitted in this document, I believe that the information of the possibility of and the possibility of and the possibility of and the possibility of and the personnel of the possibility of and the personnel, and the personnel of the pers | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant N/A SISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility |
| the certification. Where the higher esponsibility or person design another entity to operate the trop operate the trop operate that the that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, Si NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECUTED AND THE OPERINCIPAL EXECUTED AND THE OPERINCIPAL EXECUTED AND THE OPERINCIPAL EXECUTED AND THE OPERINCIPAL EXECUTED AND ADMINISTRATION OF PRINCIPAL EXECUTED ADMINISTRATION OF PRINCIPAL EXECUTED AND ADMINISTRATION OF PRINCI | ghest ranking operator does not have the ability to authorize capital eated by that person shall also sign the second certification at the bott eatment works, the highest-ranking official of the contracted entity shat I have personally examined and am familiar with the information to see individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR of the Control of the | expenditures and hire petom of this page. If the line hall sign the certification in submitted in this document, I believe that the information of the possibility of and the possibility of and the possibility of and the possibility of and the personnel of the possibility of and the personnel, and the personnel of the pers | rsonnel, a person having that ocal agency has contracted with n. ment and all attachments, and ormation is true, accurate and d/or imprisonment, pursuant N/A EISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | | QUANTITY | OR LOADING | UNITS | QUALI | TY OR CONCENTE | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|--|-------|------------------|------------------|------------------|-------|------------|----------------------|-------------------|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 552 | 555 | | ***** | **** | ***** | | p | 1/094 | Calcta |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | **** | ***** | ***** | | 1/Day | CALCTD |
| | QL | ***** | **** | | ***** | ***** | ***** | | | | |
| pH | SAMPLE MEASUREMENT | ***** | **** | | 7.4 | **** | 7.7 | | \$ | 1/week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.0 01DAMN | ***** | 9.0 01DAMX | su | | 1/Week | GRAB |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| рН | SAMPLE MEASUREMENT | ***** | **** | | 7.1 | ***** | 8.4 | | ϕ | 1/week | Gra, 6 |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT 01DAMN | ***** | REPORT 01DAMX | SU | | 1/Week | GRAB |
| | QL | ***** | **** | | ***** | ***** | ***** | | | | |
| LC50 Statre 96hr Acu Cyprinodon | SAMPLE MEASUREMENT | ***** | ***** | | Code=N | **** | **** | | ϕ | Cook=N | Cook=N |
| TAN6A 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 50 01DAMN | ***** | ***** | %EFFL | | 2/Year | COMPOS |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | ***** | | **** | Code= N | Code=N | | Ø | Code=N | COCR=N |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ************************************** | ***** | ***** | 0.3 01MOAV | 0.5 01DAMX | MG/L | | 3/Week | GRAB |
| Option 1 | QL | ***** | ***** | | ***** | ***** | ***** | | | Service Property | STATE OF STATE OF |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | **** | | ***** | <0.1 | <0.1 | | ϕ | 3/week | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | **** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | | 3/Week | GRAB |
| Option 2 | QL | ***** | **** | | ***** | ***** | ***** | | | 100 | |

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

484A SW Outfall 484A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | | QUANTITY | OR LOADING | UNITS | QUAL | ITY OR CONCENT | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|-----------------|----------------|-------|-----------------|------------------|------------------|-------|------------|----------------------|---------------------|
| Temperature, oC | SAMPLE MEASUREMENT | ***** | **** | | ***** | 33.8 | 39.5 | | ϕ | Bsy | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab# | | REPORT Lab # | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | **** | ***** | | ***** | ***** | ***** | | | No. of the second | House State Control |

| | | M | IONITO | RING | PERIO |) | | MON | ITORED LOCATION: |
|---|--|--|--|---|--|--|---|---|---|
| NJ0005622 | Month 9 | Day 1 | Year 2015 | То | Month 9 | Day 30 | Year 2015 | 485A – SW | Outfall 485A |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | Š | | PSEG NU GENERA | CLEAR FING S Y CRE | EK NECK | EM RD | Ē | PSEG NUCLE PO BOX 236/ | |
| he certification or, in his abse | ghest ranking ence a person | official designa | ge this Mo I having day ated by that | nitorin y-to-da t persor | y manageri n. For a loc | ial and o | Monitoring operations | g Report Comments I responsibilities for ghest ranking operat | the discharging facility shall sign for of the treatment works shall sign |
| responsibility or person design another entity to operate the transfer to the control of the con | nated by that reatment work that I have pe hose individu | person ks, the l ersonall | shall also s nighest-rand y examined nediately re | ign the king of and and and esponsi | second cer ficial of the n familiar ble for obta | rtification e contra with the aining th | on at the botted entity informathe informathe | ottom of this page. y shall sign the certi ion submitted in this ation, I believe that | hire personnel, a person having that If the local agency has contracted with fication. If the local agency has contracted with fication. If document and all attachments, and the information is true, accurate and for and/or imprisonment, pursuant |
| responsibility or person designanother entity to operate the transfer of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | nated by that reatment work that I have pe chose individu here are signifue New Jersey | person ks, the l ersonall hals imn ficant per y water | shall also s nighest-rand y examined nediately re enalties for Pollution C | ign the king of l and an esponsil submit | second cer ficial of the m familiar ble for obta | rtification contraction with the aining the informa | on at the bected entity information, including | ottom of this page. y shall sign the certi- ion submitted in this ation, I believe that ading the possibility | If the local agency has contracted with fication. s document and all attachments, and the information is true, accurate and of and/or imprisonment, pursuant lation. |
| responsibility or person designanother entity to operate the transfer of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | nated by that reatment work that I have pe those individuates are signifue ne New Jersey Site Vice Presi | person ks, the lersonall hals imn ficant per y water lident - S | shall also s nighest-rand y examined nediately re enalties for Pollution C | ign the king of I and an esponsil submit control | second cer ficial of the m familiar ble for obta tting false Act provide | rtification e contra with the aining the information possible. | on at the bected entity e informathe information, incluend | ottom of this page. y shall sign the certi- ion submitted in this ation, I believe that ading the possibility to to \$50,000 per vio | If the local agency has contracted with fication. If document and all attachments, and the information is true, accurate and of and/or imprisonment, pursuant lation. N/A ND REGISTRY NUMBER (IF APPLICABLE) |
| responsibility or person designanother entity to operate the truly of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL | that I have perhose individuatere are significated New Jersey | person ks, the lersonall hals imn ficant per water lident - S OFFICE | shall also s nighest-rand y examined nediately re enalties for Pollution C Salem R, AUTHOR | ign the king of and an are sponsil submit control. | second cer ficial of the m familiar ble for obta tting false Act provide GENT, OR *I | rtification of the contract with the aining the contract of th | on at the bected entity e informat the informat tion, incluenalties up | ottom of this page. y shall sign the certification submitted in this ation, I believe that adding the possibility to to \$50,000 per vio | If the local agency has contracted with fication. If document and all attachments, and the information is true, accurate and of and/or imprisonment, pursuant lation. N/A ND REGISTRY NUMBER (IF APPLICABLE) |
| responsibility or person designanother entity to operate the transfer in the second of | that I have perhose individuatere are significated by Jersey Site Vice Preside LEXECUTIVE OF Vice ighest-ranking in shall sign the | person ks, the l ersonall hals imn ficant pe water dent - S OFFICE CER, AU operator e followin | shall also so a pighest-rand y examined nediately recentives for Pollution Constant of the Pollution Constant of the Pollution Constant of the Pollution Constant of the Pollution of the Polluti | ign the king of and an esponsil submit control. IZED AC | second cer ficial of the m familiar ble for obta tting false Act provide GENT, OR *I | with the aining the information of the contract of the contrac | e informat the informat the informat tion, incluenalties up ED OPERAT | ottom of this page. y shall sign the certification submitted in this ation, I believe that adding the possibility to to \$50,000 per vio FOR GRADE A 10/15/ DATE enditures and hire personal signs and hire personal signs are signs and hire personal signs and hire personal signs are signs and hire personal signs are signs ar | If the local agency has contracted with fication. Is document and all attachments, and the information is true, accurate and of and/or imprisonment, pursuant lation. N/A ND REGISTRY NUMBER (IF APPLICABLE) 2015 856-339-3463 AREA CODE/PHONE NUMBER Sonnel, a person having that responsibility |
| responsibility or person designanother entity to operate the truly of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL EXESTANTURE OF PRINCIPAL EXESTANT A local agency where the his | that I have perhose individuatere are significated by Jersey Site Vice Preside LEXECUTIVE OF Vice ighest-ranking in shall sign the | person ks, the l ersonall hals imn ficant pe water dent - S OFFICE CER, AU operator e followin | shall also so a pighest-rand y examined nediately recentives for Pollution Constant of the Pollution Constant of the Pollution Constant of the Pollution Constant of the Pollution of the Polluti | ign the king of and an esponsil submit control. IZED AC | second cer ficial of the m familiar ble for obta tting false Act provide GENT, OR *I | with the aining the information of the contract of the contrac | e informat the informat the informat tion, incluenalties up ED OPERAT | ottom of this page. y shall sign the certification submitted in this ation, I believe that adding the possibility to to \$50,000 per vio FOR GRADE A 10/15/ DATE enditures and hire personal signs and hire personal signs are signs and hire personal signs and hire personal signs are signs and hire personal signs are signs ar | If the local agency has contracted with fication. Is document and all attachments, and the information is true, accurate and of and/or imprisonment, pursuant lation. N/A ND REGISTRY NUMBER (IF APPLICABLE) 2015 856-339-3463 AREA CODE/PHONE NUMBER Sonnel, a person having that responsibility |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS | QUAL | TY OR CONCENTR | ATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---|-----------------------|------------------|------------------|-------|------------------|------------------|------------------|-------|------------|----------------------|--|
| Flow, In Conduit or Thru Treatment Plant | SAMPLE MEASUREMENT | 465 | 488 | | ***** | ***** | ***** | | ϕ | 1654 | Calotal |
| 50050 1 Effluent Gross Value | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | ***** | ***** | ***** | ***** | 1 44 | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| рН | SAMPLE MEASUREMENT | ***** | ***** | | 7.4 | **** | 7.7 | | \$ | 1/week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.0 01DAMN | ***** | 9.0 01DAMX | SU | | 1/Week | GRAB |
| | QL | ***** | ***** | | **** | ***** | **** | | | | |
| pH | SAMPLE MEASUREMENT | ***** | ***** | | 7.1 | ***** | 8.4 | | ϕ | 1/week | Grab |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | ***** | REPORT 01DAMN | ***** | REPORT 01DAMX | SU | | 1/Week | GRAB |
| | QL | **** | ***** | | ***** | ***** | **** | | | | |
| LC50 Statre 96hr Acu Cyprinodon | SAMPLE MEASUREMENT | **** | ***** | | >100 | ***** | **** | | ϕ | Hyear | Compos |
| TAN6A 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | 50 01DAMN | ***** | ***** | %EFFL | | 2/Year | COMPOS |
| | QL | ***** | ***** | | **** | ***** | ***** | | | | 1, 32, 35, 20 |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | **** | | ***** | Code=N | Cocle=N | | Ø | Cock=N | Cock=N |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | **** | ***** | **** | 0.3 01MOAV | 0.5 01DAMX | MG/L | | 3/Week | GRAB |
| Option 1 | QL | **** | ***** | | **** | ***** | ***** | | Tale | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | ***** | | **** | <0.1 | <0.1 | | Ø | 3/week | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | **** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | | 3/Week | GRAB |
| Option 2 | QL | ***** | ***** | | ***** | **** | **** | | -50 | | 63 7 7 7 5 6 6 6 7 7 7 6 6 7 7 8 8 8 8 8 8 8 8 8 8 |

Surface Water Discharge Monitoring Report

PI 46814

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | | QUANTITY | OR LOADING | UNITS | QUALIT | TY OR CONCENTE | RATION | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|----------------|-----------------|-------|-----------------|------------------|------------------|-------|------------|----------------------|----------------|
| Temperature, | SAMPLE MEASUREMENT | ***** | **** | | **** | 33.7 | 37.1 | | ϕ | Bay | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | **** | | ***** | ***** | ***** | | | | |
| Lab Certification # | SAMPLE MEASUREMENT | PA 166 | 17327 | | CT405 | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab# | REPORT Lab # | | REPORT Lab # | REPORT Lab# | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | **** | ***** | **** | | | | 美国教育 |

| NJPDES PERMIT | | M | IONITO | RING | PERIO | D | | İ | MONI | TORE | D LO | CATION | : |
|--|---|--|--|---|--|--|--|--|--|---|---|--------------------------------------|--------------------------------------|
| NJ0005622 | Month 9 | Day 1 | Year 2015 | То | Month 9 | Day 30 | Year 2015 | 486 | -SW C | Outfal | 1 486 | A | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | | | LOCAT PSEG NU GENERA' ALLOWA HANCOC | CLEAF TING S Y CRE | R LLC SA STATION EEK NECK | LEM (RD | <u>:</u> | PS PC | E PORT RI EG NUCLE <i>A</i> BOX 236/N NCOCKS B | AR LLC 21 | | 38 | |
| | | | REG | ION / C | COUNTY | : Southe | rn / Salei | n County | | | | | |
| CHECK IF APPLICABLE | E: No | Dischar | ge this Mo | nitorin | g Period | X | Monitori | ng Report | Comments A | Attached | l | | |
| responsibility or person design | nated by that | person | shall also s | ign the | second c | ertificati | on at the | bottom of | this page. I | f the loc | | | |
| responsibility or person designanother entity to operate the transfer in the following that, based on my inquiry of the complete. I am aware that the | nated by that reatment work that I have pe those individu here are signif | person ks, the lersonall ials imn | shall also s nighest-ran y examined nediately re enalties for | sign the king of d and a esponsi | e second conficial of the second conficial of the second conficient of | ertificating the control of the cont | on at the acted enti- e informathe information, inc | bottom of ty shall si ation subm nation, I b luding the | this page. I gn the certifi litted in this elieve that the possibility of | f the loc cation. docume the inform of and/o | al agend nt and a nation is | ll attachmes true, accu | nts, and |
| the certification. Where the heresponsibility or person designanother entity to operate the transfer of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | nated by that reatment work that I have pe chose individu here are signif he New Jersey Site Vice Presi | person ks, the lersonall lals implicant personall water lident - S | shall also so highest-ran y examined nediately re enalties for Pollution C | sign the king of d and a esponsi submi Control | e second co fficial of the m familian ible for ob tting false Act provi | ertification the control of the cont | on at the acted enti- e informathe information, incommendation | bottom of ty shall sintion submation, I be luding the up to \$50, | this page. I gn the certifi litted in this elieve that the possibility of | f the loc cation. docume he inform of and/o | al agend nt and a nation is | ll attachmes true, accu | racted with nts, and rate and |
| responsibility or person designanother entity to operate the transfer and the responsibility of law that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | nated by that reatment work that I have pe chose individu here are signif he New Jersey Site Vice Presi | person ks, the lersonall lals imn icant per water ident - S | shall also so highest-ran y examined nediately re enalties for Pollution C | sign the king of d and a esponsi submi Control | e second co fficial of the m familian ible for ob tting false Act provi | ertification the control of the cont | on at the acted enti- e informathe information, incommendation | bottom of ty shall sintion submation, I be luding the up to \$50, | this page. I gn the certifi atted in this elieve that the possibility of 2000 per viola | f the loc cation. docume he inform of and/ontion. | al agend nt and a nation is r impris N/A TRY NUM | ll attachmes true, accu | nts, and rate and ursuant |
| responsibility or person designanother entity to operate the transfer in the following series of the | that I have perhose individuatere are significate. New Jersey Site Vice Preside LEXECUTIVE | person ks, the lersonall hals imn icant per water lident - S | shall also shighest-ran y examined nediately renalties for Pollution Control | sign the king of d and a esponsi submi Control | e second conficial of the familiar ible for obting false Act provi | ertification the contract with the taining endormed the for partices. | on at the acted enti- e informathe information, incoenalties | bottom of ty shall sintion submation, I be luding the up to \$50, | this page. I gn the certificated in this elieve that the possibility of the control of the contr | f the loc cation. docume the informous fand/oution. D REGIST | al agend and anation is r impris | Il attachme s true, accu sonment, pu | nts, and rate and arsuant |
| I certify under penalty of law that, based on my inquiry of to complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TIPLE OF PRINCIPAL EXESTED A local agency where the ham person designated by that person | nated by that reatment work that I have perhose individual are are signified New Jersey Site Vice Preside EXECUTIVE ARECUTIVE OFFICE CUTIVE OFFICE ighest-tanking in shall sign the | person person ks, the lersonall hals implicant per water left of the control of t | shall also shighest-ran y examined and also she also remaites for allution Control and also remains and also | sign the king of d and a esponsic submit Control AGENT, ave the tion: | e second conficial of the finite of the fini | ertification the contract with the training of the contract of | on at the oncted entitle information, incoenalties ED OPERA PERATOR capital exp | bottom of ty shall sintion submation, I be luding the up to \$50, | this page. I gn the certificative in this elieve that the possibility of the possibility | f the loc cation. docume the informof and/oution. D REGIS onnel, a property of the location. | nt and a nation is r impris | Il attachme s true, accu sonment, pu | nts, and rate and irsuant PLICABLE) |
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MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | X | QUANTITY | OR LOADING | UNITS QUALITY OR CONCENTRATION | | | | | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
|--|-----------------------|------------------|------------------|--------------------------------|------------------|--|--|-------|------------|----------------------|----------------|
| Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value | SAMPLE MEASUREMENT | 373 | 384 | | **** | ***** | ***** | | Ø | Day | Calcta |
| | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | **** | ***** | ***** | ***** | | 1/Day | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | **** | | 12.5 | | |
| рН | SAMPLE MEASUREMENT | **** | ***** | ***** | 7,5 | **** | 7.6 | su | ϕ | 1/week | Grab |
| 00400 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | | 6.0 01DAMN | ***** | 9.0 01DAMX | | | 1/Week | GRAB |
| | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| pН | SAMPLE MEASUREMENT | ***** | ***** | ***** | 7.1 | **** | 8.4 | su | \$ | 1/week | Grab |
| 00400 7 Intake From Stream | PERMIT REQUIREMENT | ***** | ***** | | REPORT 01DAMN | ***** | REPORT 01DAMX | | | 1/Week | GRAB |
| | QL | **** | ***** | | **** | ***** | ***** | | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | **** | ***** | ***** | Code=N | Cock=N | MG/L | ϕ | Cock=1 | Code=N |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | | ***** | 0.3 01MOAV | 0.5 01DAMX | | | 3/Week | GRAB |
| Option 1 | QL | ***** | ***** | | ***** | ***** | ***** | | | | |
| Chlorine Produced Oxidants | SAMPLE MEASUREMENT | ***** | **** | | ***** | <o. (<="" td=""><td><o.< td=""><td></td><td>ϕ</td><td>3/week</td><td>Grab</td></o.<></td></o.> | <o.< td=""><td></td><td>ϕ</td><td>3/week</td><td>Grab</td></o.<> | | ϕ | 3/week | Grab |
| *CPOX 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 0.2 01DAMX | MG/L | 20/11/ | 3/Week | GRAB |
| Option 2 | QL | ***** | ***** | | **** | ***** | ***** | | | Prince Control | |
| Temperature, | SAMPLE MEASUREMENT | ***** | **** | | ***** | 33.4 | 36.3 | | Ø | Bay | Contin |
| 00010 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | REPORT 01DAMX | DEG.C | | 1/Day | CONTIN |
| | QL | ***** | ***** | | ***** | ***** | **** | | | | |

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

Surface Water Discharge Monitoring Report

PI 46814

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

NJ0005622 486A SW Outfall 486A 9/1/2015 TO 9/30/2015 PSEG NUCLEAR LLC SALEM GENERATIN

| | | | | | | | | 0 | | | |
|---------------------|-----------------------|-----------------|-----------------|-------|--------------------------|-----------------|-----------------|---|------------|----------------------|----------------|
| PARAMETER | X | QUANTITY (| OR LOADING | UNITS | QUALITY OR CONCENTRATION | | | | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE |
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab # | | REPORT Lab# | REPORT Lab # | REPORT Lab # | | | Not Applic | NOT AP |

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 | MONITORED LOCATION: | | | | |
|--|--|---|---|--|--|--|
| NJ0005622 | Month Day Year 9 1 2015 To Month Day Year 9 30 2015 | 487B – SW Outfall 487B | | | | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | LOCATION OF ACTIVITY: PSEG NUCLEAR LLC SALEM GENERATING STATION ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038 | REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038 | | | | |
| | REGION / COUNTY: Southern / Salem C | County | | | | |
| CHECK IF APPLICABLE | E: No Discharge this Monitoring Period | g Report Comments Atta | ched | | | |
| responsibility or person design | ighest ranking operator does not have the ability to authorize capital nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity s | ttom of this page. If the | ocal agency has contracted with | | | |
| responsibility or person designanother entity to operate the transfer to the certify under penalty of law that, based on my inquiry of the complete. I am aware that the | | ttom of this page. If the shall sign the certification on submitted in this document, I believe that the infoling the possibility of and | ocal agency has contracted with n. nent and all attachments, and ormation is true, accurate and | | | |
| responsibility or person designanother entity to operate the transfer in the following of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity stated I have personally examined and am familiar with the information hose individuals immediately responsible for obtaining the information are are significant penalties for submitting false information, include | ttom of this page. If the shall sign the certification on submitted in this document, I believe that the infoling the possibility of and | ocal agency has contracted with nent and all attachments, and ormation is true, accurate and | | | |
| responsibility or person designanther entity to operate the transfer certify under penalty of law that, based on my inquiry of the complete. I am aware that the N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity so that I have personally examined and am familiar with the information hose individuals immediately responsible for obtaining the information ere are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the provides of the provides of the penalties of the provides for penalties up to the provides of | ttom of this page. If the shall sign the certification on submitted in this document, I believe that the infoling the possibility of and to \$50,000 per violation. | ocal agency has contracted with nent and all attachments, and ormation is true, accurate and l/or imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) | | | |
| responsibility or person designanother entity to operate the transfer that the complete. I am aware that the N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPA | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity stated I have personally examined and am familiar with the information hose individuals immediately responsible for obtaining the information ere are significant penalties for submitting false information, including New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem | ttom of this page. If the shall sign the certification on submitted in this document, I believe that the infeding the possibility of and to \$50,000 per violation. GRADE AND RECORD | ocal agency has contracted with nent and all attachments, and ormation is true, accurate and l/or imprisonment, pursuant | | | |
| responsibility or person designanother entity to operate the transfer that the following complete. I am aware that the N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL EXESTS ATURE OF PRINCIPAL EXESTS A local agency where the his | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity so that I have personally examined and am familiar with the information has individuals immediately responsible for obtaining the information ere are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem L EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATO PROCESSED OPERATO PRO | ttom of this page. If the shall sign the certification on submitted in this document, I believe that the infeding the possibility of and to \$50,000 per violation. OR GRADE AND RECONSTRUCT DATE | ocal agency has contracted with nent and all attachments, and ormation is true, accurate and l/or imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER | | | |
| responsibility or person designanother entity to operate the transfer that that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The John F. Perry, S. NAME AND TITLE OF PRINCIPAL EXESTATURE OF PRINCIPAL EXESTATU | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity so that I have personally examined and am familiar with the information hose individuals immediately responsible for obtaining the information ere are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem L EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR of the Control of the Vice President - Salem and the Vice President - Salem are the Authorized AGENT, OR *LICENSED OPERATOR of the Vice President of the Vice President - Salem are the Authorized AGENT, OR *LICENSED OPERATOR of the Vice President of the Vi | ttom of this page. If the shall sign the certification on submitted in this document ion, I believe that the infeding the possibility of and to \$50,000 per violation. OR GRADE AND RECONSTRUCTOR DATE Inditures and hire personnel, | ocal agency has contracted with nent and all attachments, and ormation is true, accurate and l/or imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility | | | |
| responsibility or person designanother entity to operate the transfer in the first another entity to operate the transfer in the first and the | nated by that person shall also sign the second certification at the bot reatment works, the highest-ranking official of the contracted entity so that I have personally examined and am familiar with the information hose individuals immediately responsible for obtaining the information ere are significant penalties for submitting false information, include New Jersey water Pollution Control Act provides for penalties up to the Vice President - Salem LEXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR of the Country of the Country of the Country of the Salem of th | ttom of this page. If the shall sign the certification on submitted in this document ion, I believe that the infeding the possibility of and to \$50,000 per violation. OR GRADE AND RECONSTRUCTOR DATE Inditures and hire personnel, | ocal agency has contracted with a. nent and all attachments, and ormation is true, accurate and dor imprisonment, pursuant N/A ISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER a person having that responsibility | | | |

| | | MONITO | RING PERIO | MONITORED LOCATION: | | | | | | |
|--|--|--|---|---|--|---|--|--|--|--|
| NJ0005622 | Month Da | 1 | To Month | Day 30 | Year 2015 | 489A – SW Outfall 489A | | | | |
| PERMITTEE: PSE&G NUCLEAR LLC 80 PARK PLAZA NEWARK, NJ 07101 | | PSEG NU GENERA ALLOWA | FION OF ACT JCLEAR LLC SA ATING STATION AY CREEK NECI CKS BRIDGE, NJ | REPORT RECIPIENT: PSEG NUCLEAR LLC PO BOX 236/N21 HANCOCKS BRIDGE, NJ 08038 | | | | | | |
| | | REG | GION / COUNTY | : Souther | n / Salem | County | | | | |
| CHECK IF APPLICABL | E: No Disc | harge this M | onitoring Period | | Monitor | ing Report Comments A | tached | | | |
| | | | iikiiig oificiai oi t | ne contrac | cted entity | y shall sign the certificati | e local agency has contracted with on. | | | |
| that, based on my inquiry of a complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The complete is to N.J.A.C. 7:14A-6.9(B). | those individuals nere are significar ne New Jersey wa | nally examine immediately i it penalties fo ter Pollution (| ed and am familia responsible for ob or submitting falso | r with the otaining the e informat | informate informate informate informate including includ | tion submitted in this doc ation, I believe that the ir uding the possibility of a | on. ument and all attachments, and aformation is true, accurate and and/or imprisonment, pursuant a. | | | |
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| that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The complete of the c | those individuals here are significar he New Jersey wa Site Vice Presiden | nally examine immediately in it penalties fo ter Pollution (t - Salem | ed and am familia responsible for ob or submitting falso Control Act provi | r with the otaining the e informatides for pe | informat ne information, incli enalties u | tion submitted in this doc ation, I believe that the ir uding the possibility of a p to \$50,000 per violation | on. ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) | | | |
| that, based on my inquiry of a complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The solution of the sol | those individuals here are significant he New Jersey was site Vice President EXECUTIVE OFF | nally examine immediately in penalties for ter Pollution (t - Salem_CICER, AUTHOR | ed and am familia responsible for ob or submitting false Control Act provi | r with the taining the informatides for pe | information, including the information, including the including the information of the in | tion submitted in this doc ation, I believe that the ir uding the possibility of a p to \$50,000 per violation | on. ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) | | | |
| that, based on my inquiry of a complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The solution of the principal of the p | those individuals here are significant he New Jersey was site Vice President LEXECUTIVE OFFICER highest-ranking ope | nally examine immediately in the penalties for the Pollution of the Pollut | ed and am familia responsible for obsersubmitting false Control Act provential Control Act provential AGENT, OR | r with the otaining the informatides for periods *LICENSE | information, includend in the information, includend in the includend in the information | tion submitted in this doctation, I believe that the intuding the possibility of a p to \$50,000 per violation FOR GRADE AND RI 10/15/2015 DATE | on. ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) 856-339-3463 | | | |
| that, based on my inquiry of a complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The solution of the sol | those individuals here are significant he New Jersey was site Vice President EXECUTIVE OFFICER highest-ranking opern shall sign the following the following sign that the following sign sign that the following sign sign sign sign sign sign sign s | nally examine immediately in the penalties for the Pollution of the Pollut | ed and am familia responsible for observations and action of submitting false Control Act provide RIZED AGENT, OR *LICI have the ability to attion: | r with the otaining the informatides for periods *LICENSE | information, included in information, includent includen | tion submitted in this doc ation, I believe that the ir uding the possibility of a p to \$50,000 per violation FOR GRADE AND RI 10/15/2015 DATE enditures and hire personne | ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER I, a person having that responsibility | | | |
| that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The complete of Principal Signature of Principal Existence of Principal | those individuals here are significant he New Jersey was site Vice President EXECUTIVE OFFICER highest-ranking opern shall sign the following the following sign that the following sign sign that the following sign sign sign sign sign sign sign s | nally examine immediately in the penalties for the Pollution of the Pollut | ed and am familia responsible for observations and action of submitting false Control Act provide RIZED AGENT, OR *LICI have the ability to attion: | r with the otaining the informatides for periods *LICENSE | information, included in information, includent includen | tion submitted in this doc ation, I believe that the ir uding the possibility of a p to \$50,000 per violation FOR GRADE AND RI 10/15/2015 DATE enditures and hire personne | ument and all attachments, and afformation is true, accurate and and/or imprisonment, pursuant a. N/A EGISTRY NUMBER (IF APPLICABLE) 856-339-3463 AREA CODE/PHONE NUMBER I, a person having that responsibility | | | |

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

489A SW Outfall 489A

9/1/2015 TO 9/30/2015

PSEG NUCLEAR LLC SALEM GENERATIN

| PARAMETER | \times | QUANTITY | OR LOADING | UNITS | QUAL | UNITS | NO. EX. | FREQ. OF ANALYSIS | SAMPLE TYPE | | |
|--|-----------------------|-------------------|------------------|-------|----------------|------------------|-----------------|----------------------|----------------|------------|-----------------------|
| Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value | SAMPLE MEASUREMENT | PLE 0.0168 0.0168 | | ***** | ***** | ***** | | \$ | 1/month | Calctd | |
| | PERMIT REQUIREMENT | REPORT 01MOAV | REPORT 01DAMX | MGD | **** | ***** | ***** | ***** | | 1/Month | CALCTD |
| | QL | ***** | ***** | | ***** | ***** | | | | | |
| pH 00400 1 Effluent Gross Value | SAMPLE MEASUREMENT | **** | ***** | ***** | 8.3 | ***** | 8.3 | | \$ | 1/month | Grab |
| | PERMIT REQUIREMENT | ***** | ***** | | 6.0 01DAMN | ***** | 9.0 01DAMX | SU | | 1/Month | GRAB |
| | QL | **** | ***** | | ***** | ***** | ***** | | | | The state of |
| Solids, Total Suspended 00530 1 Effluent Gross Value | SAMPLE MEASUREMENT | ***** | **** | ***** | 4 | 4 | **** | | ϕ | 1/month | Grab |
| | PERMIT REQUIREMENT | ***** | ***** | | 100 01DAMX | 30 01MOAV | **** | MG/L | | 1/Month | GRAB |
| | QL | **** | ***** | | ***** | ***** | **** | | | | |
| Petroleum Hydrocarbons | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | <2 | <2 | | ϕ | month | Grab |
| 00551 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | | ***** | 10 01MOAV | 15 01DAMX | MG/L | | 1/Month | GRAB |
| | QL | ***** | ***** | | ***** | ***** | **** | | 145.00 | | |
| Carbon, Tot Organic (TOC) | SAMPLE MEASUREMENT | **** | ***** | | ***** | 7 | 7 | | Ø | Month | Grab |
| 00680 1 Effluent Gross Value | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT 01MOAV | 50 01DAMX | MG/L | | 1/Month | GRAB |
| | QL | ****** | ***** | | **** | ***** | **** | | | | 《 基本记录了学术》 |
| Lab Certification # | SAMPLE MEASUREMENT | PA166 | 17327 | | | | | | | | |
| 99999 99 Lab | PERMIT REQUIREMENT | REPORT Lab # | REPORT Lab # | | REPORT Lab# | REPORT Lab# | REPORT Lab # | | | Not Applic | NOT AP |
| | QL | ***** | ***** | | ***** | ***** | **** | | | | 1 1 1 1 1 1 1 1 1 1 1 |

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