

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME **PSE&G-SALEM GENERATING STATION**  
ADDRESS **80 PARK PLAZA**  
**NEWARK NJ 07101**

**NJ0005622**  
PERMIT NUMBER

**481 A**  
DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#11 Condenser

FACILITY **PSE&G - SALEM GENERATING STN**  
LOCATION **Hancocks Bridge, NJ 08038**  
ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |    |         |         |         |
|-------------------|---------|---------|----|---------|---------|---------|
| YEAR              | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 88                | 07      | 01      |    | 88      | 07      | 31      |
| (20-21)           | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                          | SAMPLE MEASUREMENT | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                 |        | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |         |         |       | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|-------------------------------------------------------------------------------|--------------------|----------------------------------------------|-----------------|--------|---------------------------------------------------|---------|---------|-------|-------------------|----------------------------------|------------------------|
|                                                                               |                    | AVERAGE                                      | MAXIMUM         | UNITS  | MINIMUM                                           | AVERAGE | MAXIMUM | UNITS |                   |                                  |                        |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE | REPORT 30DA AVG    | REPORT 30DA AVG                              | REPORT DAILY MX | KG/DAY | *****                                             | 106.00  | 106.00  | MG/L  | *                 | 1/31                             | GRAB                   |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE   | REPORT 30DA AVG    | REPORT 30DA AVG                              | REPORT DAILY MX | KG/DAY | *****                                             | 17.50   | 17.50   | MG/L  | 0                 | 1/31                             | GRAB                   |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM   | REPORT 30DA AVG    | REPORT 30DA AVG                              | REPORT DAILY MX | KG/DAY | *****                                             | 88.50   | 88.50   | MG/L  | *                 | 1/31                             | GRAB                   |
| PH<br>00400 1 0 0<br>EFFLUENT GROSS VALUE                                     | *****              | *****                                        | *****           | *****  | 7.40                                              | *****   | 8.04    | SU    | 0                 | 8/31                             | GRAB                   |
| PH<br>00400 7 0 0<br>INTAKE FROM STREAM                                       | *****              | *****                                        | *****           | *****  | 6.85                                              | *****   | 7.67    | SU    | *                 | 7/31                             | GRAB                   |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                | REPORT 30DA AV     | REPORT 7DA AV                                | REPORT 7DA AV   | KG/DAY | *****                                             | 80.75   | 80.75   | MG/L  | *                 | 1/31                             | GRAB                   |
| SOLIDS, TOTAL SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                  | REPORT 30DA AV     | REPORT 7DA AV                                | REPORT 7DA AV   | KG/DAY | *****                                             | 0.00    | 0.00    | MG/L  | 0                 | 1/31                             | GRAB                   |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**J. Trejo**  
Radiation Protection/  
Chemistry Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*John T. Trejo*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4399

DATE

88 08 13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

8809010309 880731  
PDR ADOCK 05000272  
R PDC

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **PSE&G-SALEM GENERATING STATION**  
 ADDRESS **80 PARK PLAZA**  
**NEWARK NJ 07101**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16) **NJ0005622**  
 PERMIT NUMBER  
 (17-19) **4B1 A**  
 DISCHARGE NUMBER

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87  
**F - FINAL**  
**NON-CONTACT COOLING WATER**  
**#11 Condenser**

FACILITY **PSE&G - SALEM GENERATING STN**  
 LOCATION **Hancocks Bridge, NJ 08038**  
 ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

**MAJOR (SUBR S) SALEM**  
 NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                |                    | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53) |                    |            | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61) |                   |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------|--------------------|------------|------------------------------------------------------|-------------------|--------------------|----------------------|----------------------------------------|---------------------------|
|                                                                                     |                    | AVERAGE                                         | MAXIMUM            | UNITS      | MINIMUM                                              | AVERAGE           | MAXIMUM            |                      |                                        |                           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                     | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | *****                                                | 80.75             | 80.75              | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>7DA AV   | KG/<br>DAY | *****                                                | REPORT<br>30DA AV | REPORT<br>7DA AV   |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | *****                                                | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | *****                                                | 0.00              | 0.00               | 0                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | *****                                                | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE MEASUREMENT | 509.50                                          | 532.80             |            | *****                                                | *****             | *****              | *                    | CONT                                   | CONT.                     |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | MGD        | *****                                                | *****             | *****              |                      | CONTIN<br>UOUS                         |                           |
| CHLORINE, TOTAL<br>RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | <0.01                                                | <0.01             | 0.02               | 0                    | Period                                 | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                               | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | 1/<br>Period                           | GRAB                      |
| CHLORINE, TOTAL<br>RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                | SAMPLE MEASUREMENT | N/A                                             | N/A                |            | N/A                                                  | N/A               | N/A                |                      |                                        | GRAB                      |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                               | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | 1/<br>Period                           | GRAB                      |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**J. Trejo**  
**Radiation Protection**  
**Chemistry Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**609 339-4399**  
 AREA CODE NUMBER  
 DATE  
**88 08 19**  
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS DSCHG. - 50060 "S" = SWS DSCHG.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G SALEM GENERATING STATION

ADDRESS 80 PARK PLAZA

NEWARK

NJ 07101

(2-16)  
NJ0005622

PERMIT NUMBER

(17-19)  
482 A

DISCHARGE NUMBER

F - FINAL

NON-CONTACT COOLING WATER  
#12 Condenser

FACILITY PSE&G - SALEM GENERATING STN

LOCATION Hancocks Bridge, NJ 08038

ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                             |                    | (3 Card Only)<br>(46-53) QUANTITY OR LOADING<br>(54-61)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |            | (4 Card Only)<br>(38-45) QUALITY OR CONCENTRATION<br>(46-53) (54-61) |                    |                     | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |       |
|----------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|----------------------------------------------------------------------|--------------------|---------------------|----------------------|----------------------------------------|---------------------------|-------|
|                                                                                  |                    | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAXIMUM             | UNITS      | MINIMUM                                                              | AVERAGE            | MAXIMUM             |                      |                                        |                           | UNITS |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                                | 76.00              | 76.00               | *                    | 1/31                                   | GRAB                      |       |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                                                | REPORT<br>30DA AVG | REPORT<br>DAILY MAX |                      | ONCE/<br>MONTH                         | GRAB                      |       |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                                | 0.00               | 0.00                | 0                    | 1/31                                   | GRAB                      |       |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                                                | REPORT<br>30DA AVG | REPORT<br>DAILY MAX |                      | ONCE/<br>MONTH                         | GRAB                      |       |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                                | 108.50             | 108.50              | *                    | 1/31                                   | GRAB                      |       |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                                                | REPORT<br>30DA AVG | REPORT<br>DAILY MAX |                      | ONCE/<br>MONTH                         | GRAB                      |       |
| PH                                                                               | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               |            | 6.70                                                                 | *****              | 7.61                | 0                    | 8/31                                   | GRAB                      |       |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                              | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               | ****       | MINIMUM                                                              | *****              | MAXIMUM             |                      | WEEKLY                                 | GRAB                      |       |
| PH                                                                               | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               |            | 6.85                                                                 | *****              | 7.67                | *                    | 7/31                                   | GRAB                      |       |
| 00400 7 0 0<br>INTAKE FROM STREAM                                                | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               | ****       | REPORT<br>MINIMUM                                                    | *****              | REPORT<br>MAXIMUM   |                      | WEEKLY                                 | GRAB                      |       |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                                | 86.25              | 86.25               | *                    | 1/31                                   | GRAB                      |       |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>30 DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DLY MAX   | KG/<br>DAY | *****                                                                | REPORT<br>07 DA AV | REPORT<br>DLY MAX   |                      | ONCE/<br>MONTH                         | GRAB                      |       |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                  | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                                | 17.75              | 17.75               | 0                    | 1/31                                   | GRAB                      |       |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>7DA AV    | KG/<br>DAY | *****                                                                | REPORT<br>30DA AV  | REPORT<br>7DA AV    |                      | ONCE/<br>MONTH                         | GRAB                      |       |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                           |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                     |            |                                                                      | TELEPHONE          |                     | DATE                 |                                        |                           |       |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                           |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                                      | 609 339-4399       |                     | 88 08 19             |                                        |                           |       |
| TYPED OR PRINTED                                                                 |                    | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                                      | AREA<br>CODE       |                     | NUMBER               |                                        | YEAR MO DAY               |       |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK FLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622  
PERMIT NUMBER  
(17-19) 432 A  
DISCHARGE NUMBER

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

F - FINAL  
NON-CONTACT COOLING WATER  
#12 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
88 07 01 88 07 31

MAJOR (SUBR S) SALEM  
NOTE: Read instructions before completing this form.

ATTN: GEN MGR-ENV AFF

| PARAMETER<br>(32-37)                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53) |                    |            | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(38-43)         |                   |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------|------------|--------------------------------------------------------------|-------------------|--------------------|----------------------|----------------------------------------|---------------------------|
|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AVERAGE                                         | MAXIMUM            | UNITS      | MINIMUM                                                      | AVERAGE           | MAXIMUM            |                      |                                        |                           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                      | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | *****                                                        | 68.50             | 68.50              | *                    | 1/31                                   | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>7DA AV   | KG/<br>DAY | *****                                                        | REPORT<br>30DA AV | REPORT<br>7DA AV   |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | *****                                                        | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                        | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMA<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | *****                                                        | 0.00              | 0.00               | 0                    | 1/31                                   | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                        | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMA<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | *****                                                        | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                        | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |
| FLOW, IN CONDUIT OF<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE   | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 507.00                                          | 532.80             |            | *****                                                        | *****             | *****              | *                    | CONT.                                  | CONT.                     |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | MGD        | *****                                                        | *****             | *****              |                      | CONT.                                  | CONT.                     |
| CHLORINE, TOTAL<br>RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                 | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | <0.01                                                        | <0.01             | 0.01               | 0                    | 1/<br>Period                           | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                                       | REPORT            | 0.2                |                      | 1/<br>Period                           | GRAB                      |
| CHLORINE, TOTAL<br>RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                 | SAMPLE MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                             | N/A                |            | N/A                                                          | N/A               | N/A                |                      |                                        | GRAB                      |
|                                                                                      | PERMIT REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>30DA AV                               | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                                       | REPORT            | 0.2                |                      | 1/<br>Period                           | GRAB                      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                               | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                                                 |                    |            | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |                   | TELEPHONE          | DATE                 |                                        |                           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                    |            | <i>John Trejo</i>                                            |                   | 609 339-4399       | 88                   | 08                                     | 19                        |
| TYPED OR PRINTED                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                    |            |                                                              |                   | AREA CODE          | NUMBER               | YEAR                                   | MO DAY                    |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS ISCHG. - 50060 "S" = SWS ISCHG.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NJ0005622  
PERMIT NUMBER

483 A  
DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#13 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038  
ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SAMPLE MEASUREMENT<br>(46-53) | QUANTITY OR LOADING<br>(54-61) |            |       | QUALITY OR CONCENTRATION<br>(38-45) |         |         | QUALITY OR CONCENTRATION<br>(46-53) |      |                                                                                           | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |                            |  |                    |  |                  |  |                   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|------------|-------|-------------------------------------|---------|---------|-------------------------------------|------|-------------------------------------------------------------------------------------------|-------------------|----------------------------------|------------------------|----------------------------|--|--------------------|--|------------------|--|-------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               | AVERAGE                        | MAXIMUM    | UNITS | MINIMUM                             | AVERAGE | MAXIMUM | UNITS                               |      |                                                                                           |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| CHEM, OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | REPORT<br>30DA AVG            | REPORT<br>DAILY MX             | KG/<br>DAY | ***** | 109.50                              | 109.50  |         | *                                   | 1/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| CHEM, OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | REPORT<br>30DA AVG            | REPORT<br>DAILY MX             | KG/<br>DAY | ***** | 0.00                                | 0.00    |         | 0                                   | 1/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| CHEM, OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | REPORT<br>30DA AVG            | REPORT<br>DAILY MX             | KG/<br>DAY | ***** | 155.00                              | 155.00  |         | *                                   | 1/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| PH<br>00400 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****                         | *****                          | *****      | 7.21  | *****                               | 8.19    |         | 0                                   | 8/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| PH<br>00400 7 0 0<br>INTAKE FROM STREAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | *****                         | *****                          | *****      | 6.85  | *****                               | 7.67    |         | *                                   | 7/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | REPORT<br>30DA AV             | REPORT<br>7DA AV               | KG/<br>DAY | ***** | 78.75                               | 78.75   |         | *                                   | 1/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| SOLIDS, TOTAL SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | REPORT<br>30DA AV             | REPORT<br>7DA AV               | KG/<br>DAY | ***** | 10.00                               | 10.00   |         | 0                                   | 1/31 | GRAB                                                                                      |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| <p>I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</p> |                               |                                |            |       |                                     |         |         |                                     |      |                                                                                           |                   |                                  |                        |                            |  |                    |  |                  |  |                   |  |
| <p>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br/><b>J. Trejo</b><br/>Radiation Protection/<br/>Chemistry Manager</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                |            |       |                                     |         |         |                                     |      | <p>TELEPHONE<br/>609 339-4399</p>                                                         |                   | <p>DATE<br/>88 08 19</p>         |                        |                            |  |                    |  |                  |  |                   |  |
| <p>TYPED OR PRINTED</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |                                |            |       |                                     |         |         |                                     |      | <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br/><i>John Trejo</i></p> |                   | <p>AREA CODE<br/>609</p>         |                        | <p>NUMBER<br/>339-4399</p> |  | <p>YEAR<br/>88</p> |  | <p>MO<br/>08</p> |  | <p>DAY<br/>19</p> |  |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSE&G-SALEM GENERATING STATION  
 ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622  
 PERMIT NUMBER  
 (17-19) 483 A  
 DISCHARGE NUMBER

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87  
 F - FINAL  
 NON-CONTACT COOLING WATER  
 #13 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
 LOCATION Hancocks Bridge, NJ 08038

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBS) SALEM  
 NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                 |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |        | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                |                  | NO. EX<br>(62-63)  | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |           |
|--------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------|---------------------------------------------------|----------------|------------------|--------------------|----------------------------------|------------------------|-----------|
|                                                                                      |                    | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAXIMUM         | UNITS  | MINIMUM                                           | AVERAGE        | MAXIMUM          |                    |                                  |                        |           |
| SOLIDS, TOTAL SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                         | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | *****                                             | 68.75          | 68.75            | *                  | 1/31                             | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT 7DA AV   | KG/DAY | *****                                             | REPORT 30DA AV | REPORT 7DA AV    |                    | ONCE/MONTH                       | GRAB                   |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMAT<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | *****                                             | <0.10          | <0.10            | *                  | 1/31                             | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | KG/DAY | *****                                             | REPORT 30DA AV | REPORT DAILY MX  |                    | ONCE/MONTH                       | GRAB                   |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMAT<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | *****                                             | 0.00           | 0.00             | 0                  | 1/31                             | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | KG/DAY | *****                                             | REPORT 30DA AV | REPORT DAILY MX  |                    | ONCE/MONTH                       | GRAB                   |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMAT<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | *****                                             | <0.10          | <0.10            | *                  | 1/31                             | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | KG/DAY | *****                                             | REPORT 30DA AV | REPORT DAILY MX  |                    | ONCE/MONTH                       | GRAB                   |           |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE      | SAMPLE MEASUREMENT | 503.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 532.80          |        | *****                                             | *****          | *****            | *                  | CONT                             | CONT.                  |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | MGD    | *****                                             | *****          | *****            |                    | CONTINUOUS                       |                        |           |
| CHLORINE, TOTAL RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                    | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | <0.01                                             | <0.01          | 0.01             | 0                  | 1/Period                         | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | KG/DAY | REPORT                                            | REPORT 30DA AV | REPORT DAILY MX  |                    | 1/Period                         | GRAB                   |           |
| CHLORINE, TOTAL RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                    | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A             |        | N/A                                               | N/A            | N/A              |                    |                                  | GRAB                   |           |
|                                                                                      | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REPORT DAILY MX | KG/DAY | REPORT                                            | REPORT 30DA AV | REPORT DAILY MX  |                    | 1/Period                         | GRAB                   |           |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                               |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.) |                 |        |                                                   |                | TELEPHONE        |                    | DATE                             |                        |           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |        |                                                   |                |                  |                    |                                  |                        |           |
| TYPED OR PRINTED                                                                     |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |        |                                                   |                | 609<br>AREA CODE | 339-4399<br>NUMBER | 88<br>YEAR                       | 08<br>MO               | 19<br>DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS DISCHG. - 50060 "S" = SWS DISCHG.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

(2-16)  
NJ0005622  
PERMIT NUMBER

(17-19)  
484 A  
DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#21 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038  
ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                             | X                  | (3 Card Only)<br>(46-53) QUANTITY OR LOADING<br>(54-61) |          |        | (4 Card Only)<br>(38-45) QUALITY OR CONCENTRATION<br>(46-53) |          |          |       | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|----------------------------------------------------------------------------------|--------------------|---------------------------------------------------------|----------|--------|--------------------------------------------------------------|----------|----------|-------|-------------------|----------------------------------|------------------------|
|                                                                                  |                    | AVERAGE                                                 | MAXIMUM  | UNITS  | MINIMUM                                                      | AVERAGE  | MAXIMUM  | UNITS |                   |                                  |                        |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                     | N/A      |        | *****                                                        | 140.00   | 140.00   |       | *                 | 1/31                             | GRAB                   |
|                                                                                  | PERMIT REQUIREMENT | REPORT                                                  | REPORT   | KG/DAY | *****                                                        | REPORT   | REPORT   |       |                   | ONCE/MONTH                       | GRAB                   |
|                                                                                  |                    | 30DA AVG                                                | DAILY MX |        |                                                              | 30DA AVG | DAILY MX | MG/L  |                   |                                  |                        |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | N/A                                                     | N/A      |        | *****                                                        | 0.00     | 0.00     |       | 0                 | 1/31                             | GRAB                   |
|                                                                                  | PERMIT REQUIREMENT | REPORT                                                  | REPORT   | KG/DAY | *****                                                        | REPORT   | REPORT   |       |                   | ONCE/MONTH                       | GRAB                   |
|                                                                                  |                    | 30DA AVG                                                | DAILY MX |        |                                                              | 30DA AVG | DAILY MX | MG/L  |                   |                                  |                        |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | N/A                                                     | N/A      |        | *****                                                        | 130.00   | 130.00   |       | *                 | 1/31                             | GRAB                   |
|                                                                                  | PERMIT REQUIREMENT | REPORT                                                  | REPORT   | KG/DAY | *****                                                        | REPORT   | REPORT   |       |                   | ONCE/MONTH                       | GRAB                   |
|                                                                                  |                    | 30DA AVG                                                | DAILY MX |        |                                                              | 30DA AVG | DAILY MX | MG/L  |                   |                                  |                        |
| PH                                                                               | SAMPLE MEASUREMENT | *****                                                   | *****    |        | 7.30                                                         | *****    | 7.61     |       | 0                 | 8/31                             | GRAB                   |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                              | PERMIT REQUIREMENT | *****                                                   | *****    | ****   | 6                                                            | *****    | 9        |       |                   | WEEKLY                           | GRAB                   |
|                                                                                  |                    |                                                         |          | ****   | MINIMUM                                                      |          | MAXIMUM  | SU    |                   |                                  |                        |
| PH                                                                               | SAMPLE MEASUREMENT | *****                                                   | *****    |        | 6.85                                                         | *****    | 7.67     |       | *                 | 7/31                             | GRAB                   |
| 00400 7 0 0<br>INTAKE FROM STREAM                                                | PERMIT REQUIREMENT | *****                                                   | *****    | ****   | REPORT                                                       | *****    | REPORT   |       |                   | WEEKLY                           | GRAB                   |
|                                                                                  |                    |                                                         |          | ****   | MINIMUM                                                      |          | MAXIMUM  | SU    |                   |                                  |                        |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                | SAMPLE MEASUREMENT | N/A                                                     | N/A      |        | *****                                                        | 100.50   | 100.50   |       | *                 | 1/31                             | GRAB                   |
|                                                                                  | PERMIT REQUIREMENT | REPORT                                                  | REPORT   | KG/DAY | *****                                                        | REPORT   | REPORT   |       |                   | ONCE/MONTH                       | GRAB                   |
|                                                                                  |                    | 30DA AV                                                 | 7DA AV   |        |                                                              | 30DA AV  | 7DA AV   | MG/L  |                   |                                  |                        |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                  | SAMPLE MEASUREMENT | N/A                                                     | N/A      |        | *****                                                        | 25.00    | 25.00    |       | 0                 | 1/31                             | GRAB                   |
|                                                                                  | PERMIT REQUIREMENT | REPORT                                                  | REPORT   | KG/DAY | *****                                                        | 30       | 45       |       |                   | ONCE/MONTH                       | GRAB                   |
|                                                                                  |                    | 30DA AV                                                 | 7DA AV   |        |                                                              | 30DA AV  | 7DA AV   | MG/L  |                   |                                  |                        |

|                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |                  |                    |            |          |           |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|--------------------|------------|----------|-----------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><br>J. Trejo<br>Radiation Protection/<br>Chemistry Manager<br><br>TYPED OR PRINTED | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br><br><i>John Trejo</i> | TELEPHONE        |                    | DATE       |          |           |
|                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       | 609<br>AREA CODE | 339-4399<br>NUMBER | 88<br>YEAR | 08<br>MO | 19<br>DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

(2-16)  
NJ0005622  
PERMIT NUMBER

(17-19)  
404 A  
DISCHARGE NUMBER

F - FINAL

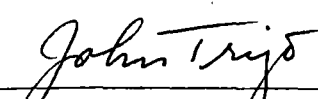
NON-CONTACT COOLING WATER  
#21 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                |                       | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(34-45)<br>(46-53)<br>(54-61) |                    |                    |       | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|----------------------------------------------------------------------------|--------------------|--------------------|-------|----------------------|----------------------------------------|---------------------------|
|                                                                                     |                       | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAXIMUM            | UNITS      | MINIMUM                                                                    | AVERAGE            | MAXIMUM            | UNITS |                      |                                        |                           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                     | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                                                      | 75.50              | 75.50              |       | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>7DA AV   | KG/<br>DAY | *****                                                                      | REPORT<br>30DA AV  | REPORT<br>7DA AV   | MG/L  |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                                                      | <0.10              | <0.10              |       | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                                      | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L  |                      | ONCE/<br>MONTH                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                                                      | 0.00               | 0.00               |       | 0                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                                      | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L  |                      | once/<br>month                         | GRAB                      |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                                                      | <0.10              | <0.10              |       | *                    | 1/31                                   | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | KG/<br>DAY | *****                                                                      | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L  |                      | ONCE/<br>MONTH                         | GRAB                      |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE<br>MEASUREMENT | 499.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 532.80             |            | *****                                                                      | *****              | *****              |       | *                    | CONT.                                  | CONT.                     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | MGD        | *****                                                                      | *****              | *****              | ****  |                      | CONTIN<br>UOUS                         |                           |
| CHLORINE, TOTAL<br>RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | <0.01                                                                      | <0.01              | 0.01               |       | 0                    | 1/<br>Period                           | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                                                     | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L  |                      | 1/<br>Period                           | GRAB                      |
| CHLORINE, TOTAL<br>RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | N/A                                                                        | N/A                | N/A                |       |                      |                                        | GRAB                      |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                                                     | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L  |                      | 1/<br>Period                           | GRAB                      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                              |                       | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                    |            |                                                                            |                    | TELEPHONE          |       | DATE                 |                                        |                           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                                            |                    | 609 339-4399       |       | 88 08 19             |                                        |                           |
| TYPED OR PRINTED                                                                    |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                                            |                    | AREA<br>CODE       |       | YEAR MO DAY          |                                        |                           |
|                                                                                     |                       | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                                            |                    | NUMBER             |       |                      |                                        |                           |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS DISCHG. - 50060 "S" = SWS DISCHG.



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

(2-16)  
NJ0005622  
PERMIT NUMBER

(17-19)  
485 A  
DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#22 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038  
ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |    |         |         |         |
|-------------------|---------|---------|----|---------|---------|---------|
| YEAR              | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 88                | 07      | 01      | TO | 88      | 07      | 31      |
| (20-21)           | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR 6) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                             |                       | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |              | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                    |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |     |
|----------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|---------------------------------------------------|--------------------|--------------------|----------------------|----------------------------------------|---------------------------|-----|
|                                                                                  |                       | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAXIMUM            | UNITS        | MINIMUM                                           | AVERAGE            | MAXIMUM            |                      |                                        |                           |     |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                |              | *****                                             | 82.50              | 82.50              | *                    | 1/31                                   | GRAB                      |     |
|                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY   | *****                                             | REPORT<br>30DA AVG | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                |              | *****                                             | 0.00               | 0.00               | 0                    | 1/31                                   | GRAB                      |     |
|                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY   | *****                                             | REPORT<br>30DA AVG | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                |              | *****                                             | 135.00             | 135.00             | *                    | 1/31                                   | GRAB                      |     |
|                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY   | *****                                             | REPORT<br>30DA AVG | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| PH                                                                               | SAMPLE<br>MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****              |              | 6.50                                              | *****              | 7.34               | 0                    | 8/31                                   | GRAB                      |     |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                              | PERMIT<br>REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****              | ****<br>**** | MINIMUM                                           | *****              | MAXIMUM            |                      | WEEKLY                                 | GRAB                      |     |
| PH                                                                               | SAMPLE<br>MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****              |              | 6.85                                              | *****              | 7.67               | *                    | 7/31                                   | GRAB                      |     |
| 00400 7 0 0<br>INTAKE FROM STREAM                                                | PERMIT<br>REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****              | ****<br>**** | REPORT<br>MINIMUM                                 | *****              | REPORT<br>MAXIMUM  |                      | WEEKLY                                 |                           |     |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                |              | *****                                             | 90.50              | 90.50              | *                    | 1/31                                   | GRAB                      |     |
|                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>7DA AV   | KG/<br>DAY   | *****                                             | REPORT<br>30DA AV  | REPORT<br>7DA AV   |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                  | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                |              | *****                                             | 4.75               | 4.75               | 0                    | 1/31                                   | GRAB                      |     |
|                                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>7DA AV   | KG/<br>DAY   | *****                                             | REPORT<br>30DA AV  | REPORT<br>7DA AV   |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                           |                       | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                    |              |                                                   |                    | TELEPHONE          |                      | DATE                                   |                           |     |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                           |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |              |                                                   |                    | 609 339-4399       |                      | 88                                     | 08                        | 19  |
| TYPED OR PRINTED                                                                 |                       | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |              |                                                   |                    | AREA<br>CODE       | NUMBER               | YEAR                                   | MO                        | DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSEG-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622

PERMIT NUMBER

485 A

DISCHARGE NUMBER

F - FINAL

NON-CONTACT COOLING WATER  
#22 Condenser

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

FACILITY PSEG - SALEM GENERATING STN

LOCATION Hancocks Bridge, NJ 08038

ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |    |         |         |         |
|-------------------|---------|---------|----|---------|---------|---------|
| YEAR              | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 88                | 07      | 01      |    | 88      | 07      | 31      |
| (20-21)           | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR 6) SALEM

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                |                       | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |            | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                                                                 |                    |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |           |
|-------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|---------------------------------------------------|-----------------------------------------------------------------|--------------------|--------------------|----------------------|----------------------------------------|---------------------------|-----------|
|                                                                                     |                       | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAXIMUM            | UNITS      | MINIMUM                                           | AVERAGE                                                         | MAXIMUM            | UNITS              |                      |                                        |                           |           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                     | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | *****                                             | 85.75                                                           | 85.75              |                    | *                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REPORT<br>7DA AV   | KG/<br>DAY | *****                                             | REPORT<br>30DA AV                                               | REPORT<br>7DA AV   | MG/L               |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | *****                                             | <0.10                                                           | <0.10              |                    | *                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG                                              | REPORT<br>DAILY MX | MG/L               |                      | ONCE/<br>MONTH                         | GRAB-3                    |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | *****                                             | 0.00                                                            | 0.00               |                    | 0                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG                                              | REPORT<br>DAILY MX | MG/L               |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | *****                                             | 0.50                                                            | 0.50               |                    | *                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG                                              | REPORT<br>DAILY MX | MG/L               |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE<br>MEASUREMENT | 502.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 532.80             |            | *****                                             | *****                                                           | *****              |                    | *                    | CONT                                   | CONT.                     |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | MGD        | *****                                             | *****                                                           | *****              | ****               |                      | CONTIN<br>UOUS                         |                           |           |
| CHLORINE, TOTAL<br>RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | <0.01                                             | <0.01                                                           | 0.01               |                    | 0                    | 1/<br>Period                           | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                            | REPORT                                                          | 0.2                | MG/L               |                      | 1/<br>Period                           | GRAB                      |           |
| CHLORINE, TOTAL<br>RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                |            | N/A                                               | N/A                                                             | N/A                |                    |                      |                                        | GRAB                      |           |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                            | REPORT                                                          | 0.2                | MG/L               |                      | 1/<br>Period                           | GRAB                      |           |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                              |                       | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                    |            |                                                   | TELEPHONE                                                       |                    | DATE               |                      |                                        |                           |           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |            |                                                   |                                                                 |                    |                    |                      |                                        |                           |           |
| TYPED OR PRINTED                                                                    |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |            |                                                   | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT |                    |                    |                      |                                        |                           |           |
|                                                                                     |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |            |                                                   | 609<br>AREA<br>CODE                                             |                    | 339-4399<br>NUMBER |                      | 88<br>YEAR                             | 08<br>MO                  | 19<br>DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS DISCHG. - 50060 "S" = SWS DISCHG.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622 (17-19) 486 A  
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#23 Condenser

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
88 07 01 88 07 31

MAJOR (SUBR 6) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                          | X                  | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |        | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-43) |                 |                  | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |       |
|-------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|---------------------------------------------------|-----------------|------------------|-------------------|----------------------------------|------------------------|-------|
|                                                                               |                    | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAXIMUM          | UNITS  | MINIMUM                                           | AVERAGE         | MAXIMUM          |                   |                                  |                        | UNITS |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A              |        | *****                                             | 58.50           | 58.50            |                   | *                                | 1/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | REPORT 30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REPORT DAILY MAX | KG/DAY | *****                                             | REPORT 30DA AVG | REPORT DAILY MAX | MG/L              |                                  | ONCE/MONTH             | GRAB  |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A              |        | *****                                             | 0.00            | 0.00             |                   | 0                                | 1/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | REPORT 30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REPORT DAILY MAX | KG/DAY | *****                                             | REPORT 30DA AVG | REPORT DAILY MAX | MG/L              |                                  | ONCE/MONTH             | GRAB  |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 7 0 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A              |        | *****                                             | 91.50           | 91.50            |                   | *                                | 1/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | REPORT 30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REPORT DAILY MAX | KG/DAY | *****                                             | REPORT 30DA AVG | REPORT DAILY MAX | MG/L              |                                  | ONCE/MONTH             | GRAB  |
| PH<br>00400 1 0 0<br>EFFLUENT GROSS VALUE                                     | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****            |        | 7.12                                              | *****           | 7.65             |                   | 0                                | 8/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****            | ****   | MINIMUM                                           | *****           | MAXIMUM          | SU                |                                  | WEEKLY                 | GRAB  |
| PH<br>00400 7 0 0<br>INTAKE FROM STREAM                                       | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****            |        | 6.85                                              | *****           | 7.67             |                   | *                                | 7/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****            | ****   | REPORT MINIMUM                                    | *****           | REPORT MAXIMUM   | SU                |                                  | WEEKLY                 | GRAB  |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A              |        | *****                                             | 68.25           | 68.25            |                   | *                                | 1/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REPORT 7DA AV    | KG/DAY | *****                                             | REPORT 30DA AV  | REPORT 7DA AV    | MG/L              |                                  | ONCE/MONTH             | GRAB  |
| SOLIDS, TOTAL SUSPENDED<br>00530 2 0 0<br>EFFLUENT NET VALUE                  | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A              |        | *****                                             | 0.00            | 0.00             |                   | 0                                | 1/31                   | GRAB  |
|                                                                               | PERMIT REQUIREMENT | REPORT 30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REPORT 7DA AV    | KG/DAY | *****                                             | REPORT 30DA AV  | REPORT 7DA AV    | MG/L              |                                  | ONCE/MONTH             | GRAB  |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                        |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.) |                  |        |                                                   | TELEPHONE       |                  | DATE              |                                  |                        |       |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |        |                                                   | 609 339-4399    |                  | 88 08 19          |                                  |                        |       |
| TYPED OR PRINTED                                                              |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |        |                                                   | AREA CODE       |                  | NUMBER            |                                  |                        |       |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME PSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

(2-16) NJ0005622  
PERMIT NUMBER  
(17-19) 406 A  
DISCHARGE NUMBER

F - FINAL  
NON-CONTACT COOLING WATER  
#23 Condenser

FACILITY PSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038  
ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |    |         |         |         |
|-------------------|---------|---------|----|---------|---------|---------|
| YEAR              | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 88                | 07      | 01      | TO | 88      | 07      | 31      |
| (20-21)           | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                |                       | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |            | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                   |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |     |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|---------------------------------------------------|-------------------|--------------------|----------------------|----------------------------------------|---------------------------|-----|
|                                                                                     |                       | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAXIMUM            | UNITS      | MINIMUM                                           | AVERAGE           | MAXIMUM            |                      |                                        |                           |     |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0 0<br>INTAKE FROM STREAM                     | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                             | 125.00            | 125.00             | *                    | 1/31                                   | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>7DA AV   | KG/<br>DAY | *****                                             | REPORT<br>30DA AV | REPORT<br>7DA AV   |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                             | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                             | 0.00              | 0.00               | 0                    | 1/31                                   | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 7 0 0<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | *****                                             | <0.10             | <0.10              | *                    | 1/31                                   | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | ONCE/<br>MONTH                         | GRAB                      |     |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE<br>MEASUREMENT | 493.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 532.80             |            | *****                                             | *****             | *****              | *                    | CONT                                   | CONT.                     |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | MGD        | *****                                             | *****             | *****              | ****                 | CONTIN<br>UOUS                         |                           |     |
| CHLORINE, TOTAL<br>RESIDUAL SWS<br>50060 S 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | <0.01                                             | <0.01             | 0.01               | 0                    | 1/<br>Period                           | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                            | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | 1/<br>Period                           | GRAB                      |     |
| CHLORINE, TOTAL<br>RESIDUAL CWS<br>50060 T 0 0<br>SEE COMMENTS BELOW                | SAMPLE<br>MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                |            | N/A                                               | N/A               | N/A                |                      |                                        | GRAB                      |     |
|                                                                                     | PERMIT<br>REQUIREMENT | REPORT<br>30DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MX | KG/<br>DAY | REPORT                                            | REPORT<br>30DA AV | REPORT<br>DAILY MX |                      | 1/<br>Period                           | GRAB                      |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                              |                       | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                    |            |                                                   |                   | TELEPHONE          |                      | DATE                                   |                           |     |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                   |                   | 609 339-4399       |                      | 88                                     | 08                        | 19  |
| TYPED OR PRINTED                                                                    |                       | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                   |                   | AREA<br>CODE       | NUMBER               | YEAR                                   | MO                        | DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 50060 "T" = CWS DISCHG. - 50060 "S" = SWS DISCHG.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **FSE&G-SALEM GENERATING STATION**  
 ADDRESS **80 PARK PLAZA**  
**NEWARK NJ 07101**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16) **NJ0005622**  
 PERMIT NUMBER

(17-19) **FAC A**  
 DISCHARGE NUMBER

F - FINAL  
 THERMAL DISCHG FOR DSN 481-483  
 And Facility DSN 481-486

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87  
 DSN 481-483

FACILITY **FSE&G - SALEM GENERATING STN**

LOCATION **Hancocks Bridge, NJ 08038**

ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR 6) **SALEM**

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                           |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) (54-61) |                   |             | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) (46-53) (54-61) |                    |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|--------------------------------------------------------------------------------|--------------------|------------------------------------------------------|-------------------|-------------|-------------------------------------------------------------------|--------------------|--------------------|----------------------|----------------------------------------|---------------------------|
|                                                                                |                    | AVERAGE                                              | MAXIMUM           | UNITS       | MINIMUM                                                           | AVERAGE            | MAXIMUM            |                      |                                        |                           |
| TEMPERATURE, WATER<br>DEG.<br>00011 1 0 0<br>EFFLUENT GROSS VALUE              | SAMPLE MEASUREMENT | *****                                                | *****             |             | *****                                                             | 36.90              | 39.90              | 0                    | CONT                                   | CONT.                     |
|                                                                                | PERMIT REQUIREMENT | *****                                                | *****             | ****        | *****                                                             | REPORT<br>30DA AVG | 43.30<br>DAILY MX  |                      | CONTIN<br>UOUS                         |                           |
| TEMPERATURE, WATER<br>DEG.<br>00011 2 0 0<br>EFFLUENT NET VALUE                | SAMPLE MEASUREMENT | *****                                                | *****             |             | *****                                                             | 8.60               | 10.30              | 0                    | CONT                                   | CONT.                     |
|                                                                                | PERMIT REQUIREMENT | *****                                                | *****             | ****        | *****                                                             | REPORT<br>30DA AVG | 15.30<br>DAILY MX  |                      | CONTIN<br>UOUS                         |                           |
| TEMPERATURE, WATER<br>DEG.<br>00011 7 0 0<br>INTAKE FROM STREAM                | SAMPLE MEASUREMENT | *****                                                | *****             |             | *****                                                             | 27.80              | 28.80              | *                    | CONT                                   | CONT.                     |
|                                                                                | PERMIT REQUIREMENT | *****                                                | *****             | ****        | *****                                                             | REPORT<br>30DA AVG | REPORT<br>DAILY MX |                      | CONTIN<br>UOUS                         |                           |
| THERMAL DISCHARGE<br>MILLION BTUS PER HR.<br>00015 2 0 0<br>EFFLUENT NET VALUE | SAMPLE MEASUREMENT | 15995.70                                             | 18796.00          |             | *****                                                             | *****              | *****              | 0                    | CALC                                   | CALC                      |
|                                                                                | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                   | 30600<br>DAILY MX | MBTU/<br>HR | *****                                                             | *****              | *****              | ****                 |                                        | CALCTD                    |
|                                                                                | SAMPLE MEASUREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |
|                                                                                | PERMIT REQUIREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |
|                                                                                | SAMPLE MEASUREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |
|                                                                                | PERMIT REQUIREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |
|                                                                                | SAMPLE MEASUREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |
|                                                                                | PERMIT REQUIREMENT |                                                      |                   |             |                                                                   |                    |                    |                      |                                        |                           |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**J. Trejo**  
**Radiation Protection/  
 Chemistry Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-4399 88 08 19  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FAC A - Unit 1 CWS Temperature

Thermal Discharge 00015 is COMBINED AVERAGE LOADING FOR DSN481A THROUGH DSN486A

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **PSE&G-SALEM GENERATING STATION**  
 ADDRESS **80 PARK PLAZA**  
**NEWARK NJ 07101**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| (2-16)<br><b>NJ0005622</b><br>PERMIT NUMBER | (17-19)<br><b>FAC B</b><br>DISCHARGE NUMBER |
|---------------------------------------------|---------------------------------------------|

F - FINAL

THERMAL DSCHG FOR

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87  
 DSN 484-486

FACILITY **PSE&G - SALEM GENERATING STN**

LOCATION **Hancocks Bridge, NJ 08038**

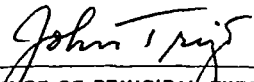
ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |         |         |         |
|-------------------|---------|---------|---------|---------|---------|
| FROM              |         |         | TO      |         |         |
| YEAR              | MO      | DAY     | YEAR    | MO      | DAY     |
| 88                | 07      | 01      | 88      | 07      | 31      |
| (20-21)           | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR \$ ) **SALEM**

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                              |                       | (3 Card Only)<br>(46-53) QUANTITY OR LOADING<br>(54-61) |         |       | (4 Card Only)<br>(38-45) QUALITY OR CONCENTRATION<br>(46-53) (54-61) |                    |                    | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |       |
|-------------------------------------------------------------------|-----------------------|---------------------------------------------------------|---------|-------|----------------------------------------------------------------------|--------------------|--------------------|----------------------|----------------------------------------|---------------------------|-------|
|                                                                   |                       | AVERAGE                                                 | MAXIMUM | UNITS | MINIMUM                                                              | AVERAGE            | MAXIMUM            |                      |                                        |                           | UNITS |
| TEMPERATURE, WATER<br>DEG.<br>00011 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | *****                                                   | *****   |       | *****                                                                | 35.70              | 37.50              |                      | 0                                      | CONT                      | CONT. |
|                                                                   | PERMIT<br>REQUIREMENT | *****                                                   | *****   | ****  | *****                                                                | REPORT<br>30DA AVG | 43.30<br>DAILY MX  | C                    |                                        | CONTIN<br>UOUS            |       |
| TEMPERATURE, WATER<br>DEG.<br>00011 2 0 0<br>EFFLUENT NET VALUE   | SAMPLE<br>MEASUREMENT | *****                                                   | *****   |       | *****                                                                | 8.00               | 9.30               |                      | 0                                      | CONT                      | CONT. |
|                                                                   | PERMIT<br>REQUIREMENT | *****                                                   | *****   | ****  | *****                                                                | REPORT<br>30DA AVG | 15.30<br>DAILY MX  | C                    |                                        | CONTIN<br>UOUS            |       |
| TEMPERATURE, WATER<br>DEG.<br>00011 7 0 0<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | *****                                                   | *****   |       | *****                                                                | 27.20              | 28.20              |                      | *                                      | CONT                      | CONT. |
|                                                                   | PERMIT<br>REQUIREMENT | *****                                                   | *****   | ****  | *****                                                                | REPORT<br>30DA AVG | REPORT<br>DAILY MX | C                    |                                        | CONTIN<br>UOUS            |       |
|                                                                   | SAMPLE<br>MEASUREMENT |                                                         |         |       | *****                                                                | *****              | *****              |                      |                                        |                           |       |
|                                                                   | PERMIT<br>REQUIREMENT |                                                         |         |       | *****                                                                | *****              | *****              | ****                 |                                        |                           |       |
|                                                                   | SAMPLE<br>MEASUREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |
|                                                                   | PERMIT<br>REQUIREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |
|                                                                   | SAMPLE<br>MEASUREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |
|                                                                   | PERMIT<br>REQUIREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |
|                                                                   | SAMPLE<br>MEASUREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |
|                                                                   | PERMIT<br>REQUIREMENT |                                                         |         |       |                                                                      |                    |                    |                      |                                        |                           |       |

|                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                       |                                               |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><b>J. Trejo</b><br><b>Radiation Protection/<br/>Chemistry Manager</b><br>TYPED OR PRINTED | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br> | TELEPHONE<br>609 339-4399<br>AREA CODE NUMBER | DATE<br>88 08 19<br>YEAR MO DAY |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FAC B - Unit 2 CWS Temperature

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

NAME **PSE&G-SALEM GENERATING STATION**  
ADDRESS **80 PARK PLAZA**  
**NEWARK NJ 07101**

(2-16)  
**NJ0005622**

(17-19)  
**48C A**

F - FINAL  
NON-RADIOLOGICAL WASTE TREAT.

FACILITY **PSE&G - SALEM GENERATING STN**  
LOCATION **Hancocks Bridge, NJ 08038**  
ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) **SALEM**

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                      | X                  | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |         |        | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |         |                | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|-----------------------------------------------------------|--------------------|----------------------------------------------|---------|--------|---------------------------------------------------|---------|----------------|-------------------|----------------------------------|------------------------|
|                                                           |                    | AVERAGE                                      | MAXIMUM | UNITS  | MINIMUM                                           | AVERAGE | MAXIMUM        |                   |                                  |                        |
| TEMPERATURE, WATER DEG.<br>00011 1 0 0                    | SAMPLE MEASUREMENT | *****                                        | *****   |        | 24.40                                             | 26.12   | 27.00          | 0                 | 6/31                             | GRAB                   |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | *****                                        | *****   | ****   | REPORT                                            | REPORT  | REPORT         |                   | ONCE/MONTH                       | GRAB                   |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 1 0 0     | SAMPLE MEASUREMENT | N/A                                          | N/A     |        | *****                                             | <10.75  | 11.50          | 0                 | 2/31                             | COMPOS                 |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | REPORT                                       | REPORT  | KG/DAY | *****                                             | REPORT  | 50             |                   | TWICE/MONTH                      | COMPOS                 |
| PH Compliance Point<br>00400 0 0 0                        | SAMPLE MEASUREMENT | *****                                        | *****   |        | 6.70                                              | *****   | 8.04           | 0                 | 32/31                            | GRAB                   |
| SEE COMMENTS BELOW                                        | PERMIT REQUIREMENT | *****                                        | *****   | ****   | 6R MINIMUM                                        | *****   | 9R MAXIMUM     |                   | ONCE/MONTH                       | GRAB                   |
| PH<br>00400 1 0 0                                         | SAMPLE MEASUREMENT | *****                                        | *****   |        | 11.00                                             | *****   | 11.80          | *                 | 6/31                             | GRAB                   |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | *****                                        | *****   | ****   | REPORT MINIMUM                                    | *****   | REPORT MAXIMUM |                   | ONCE/MONTH                       | GRAB                   |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0                    | SAMPLE MEASUREMENT | N/A                                          | N/A     |        | 10.50                                             | 11.88   | 13.25          | 0                 | 2/31                             | COMPOS                 |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | REPORT                                       | REPORT  | KG/DAY | 30                                                | 45      | 100            |                   | TWICE/MONTH                      | COMPOS                 |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA<br>00551 1 0 0 | SAMPLE MEASUREMENT | N/A                                          | N/A     |        | *****                                             | <0.15   | <0.20          | 0                 | 2/31                             | GRAB                   |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | REPORT                                       | REPORT  | KG/DAY | *****                                             | 10      | 15             |                   | TWICE/MONTH                      | GRAB                   |
| CHROMIUM, HEXAVALENT (AS CR)<br>01032 1 0 0               | SAMPLE MEASUREMENT | N/A                                          | N/A     |        | *****                                             | <50.00  | <50.00         | 0                 | 2/31                             | COMPOS                 |
| EFFLUENT GROSS VALUE                                      | PERMIT REQUIREMENT | REPORT                                       | REPORT  | KG/DAY | *****                                             | REPORT  | 100            |                   | TWICE/MONTH                      | COMPOS                 |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**J. Trejo**  
Radiation Protection/  
Chemistry Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*John Trejo*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4399

DATE

88 08 19

AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PARAMETER 00400 (PH) "0" IS FOR REPORTING AFTER MIXING WITH CIRCULATING WATER BIOASSAY REPORTED ON 48C QUARTERLY REPORTING DMR FOR ISN48C A



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **PSE&G-SALEM GENERATING STATION**

ADDRESS **80 PARK PLAZA**

**NEWARK NJ 07101**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)  
**NJ0005622**

PERMIT NUMBER

(17-19)  
**48C A**

DISCHARGE NUMBER

F - FINAL

NON-RADIOLOGICAL WASTE TREAT.

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

FACILITY **PSE&G - SALEM GENERATING STN**

LOCATION **Hancocks Bridge, NJ 08038**

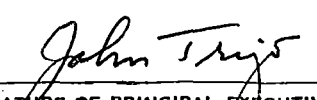
| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

ATTN: GEN MGR-ENV AFF

MAJOR (SUBR S) SALEM

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                       |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                    |            | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                    |                  | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|------------------------------------------------------------|--------------------|----------------------------------------------|--------------------|------------|---------------------------------------------------|--------------------|------------------|----------------------|----------------------------------------|---------------------------|
|                                                            |                    | AVERAGE                                      | MAXIMUM            | UNITS      | MINIMUM                                           | AVERAGE            | MAXIMUM          |                      |                                        |                           |
| COPPER, TOTAL<br>(AS CU)<br>01042 1 0 0                    | SAMPLE MEASUREMENT | N/A                                          | N/A                |            | *****                                             | 15.00              | 20.00            | 0                    | 2/31                                   | COMPOS                    |
| EFFLUENT GROSS VALUE                                       | PERMIT REQUIREMENT | REPORT<br>30DA AVG                           | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG | 200<br>DAILY MX  |                      |                                        | TWICE/COMPOS<br>MONTH     |
| IRON, TOTAL<br>(AS FE)<br>01045 1 0 0                      | SAMPLE MEASUREMENT | *****                                        | *****              |            | *****                                             | 130.00             | 165.00           | 0                    | 2/31                                   | COMPOS                    |
| EFFLUENT GROSS VALUE                                       | PERMIT REQUIREMENT | *****                                        | *****              | ****       | *****                                             | REPORT<br>30DA AVG | 1000<br>DAILY MX |                      |                                        | TWICE/COMPOS<br>MONTH     |
| ZINC, TOTAL<br>(AS ZN)<br>01092 1 0 0                      | SAMPLE MEASUREMENT | N/A                                          | N/A                |            | *****                                             | <10.00             | <10.00           | 0                    | 2/31                                   | COMPOS                    |
| EFFLUENT GROSS VALUE                                       | PERMIT REQUIREMENT | REPORT<br>30DA AVG                           | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG | 600<br>DAILY MX  |                      |                                        | TWICE/COMPOS<br>MONTH     |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0 | SAMPLE MEASUREMENT | 0.20                                         | 0.43               |            | *****                                             | *****              | *****            | *                    | CONT                                   | CONT.                     |
| EFFLUENT GROSS VALUE                                       | PERMIT REQUIREMENT | REPORT<br>30DA AVG                           | REPORT<br>DAILY MX | MGD        | *****                                             | *****              | *****            | ****                 |                                        | CONTIN<br>UOUS            |
| NITROGEN, AMMONIA<br>TOTAL (AS NH4)<br>71845 1 0 0         | SAMPLE MEASUREMENT | N/A                                          | N/A                |            | *****                                             | 37.75              | 40.50            | 1                    | 2/31                                   | GRAB                      |
| EFFLUENT GROSS VALUE                                       | PERMIT REQUIREMENT | REPORT<br>30DA AVG                           | REPORT<br>DAILY MX | KG/<br>DAY | *****                                             | 35<br>30DA AVG     | 70<br>DAILY MX   |                      |                                        | TWICE/GRAB<br>MONTH       |
|                                                            | SAMPLE MEASUREMENT |                                              |                    |            |                                                   |                    |                  |                      |                                        |                           |
|                                                            | PERMIT REQUIREMENT |                                              |                    |            |                                                   |                    |                  |                      |                                        |                           |
|                                                            | SAMPLE MEASUREMENT |                                              |                    |            |                                                   |                    |                  |                      |                                        |                           |
|                                                            | PERMIT REQUIREMENT |                                              |                    |            |                                                   |                    |                  |                      |                                        |                           |

|                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                          |                     |                    |            |          |           |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|------------|----------|-----------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | <br>SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT | TELEPHONE           |                    | DATE       |          |           |
| <b>J. Trejo</b><br><b>Radiation Protection/<br/>Chemistry Manager</b><br>TYPED OR PRINTED |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                          | 609<br>AREA<br>CODE | 339-4399<br>NUMBER | 88<br>YEAR | 08<br>MO | 19<br>DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **PSE&G-SALEM GENERATING STATION**  
ADDRESS **80 PARK PLAZA**  
**NEWARK** **NJ 07101**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

**NJ0005622**

**48C V**

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

BIOASSAY QTRLY MONIT. FOR 48C

Form Approved

OMB No. 2040-0004

Approval Expires 12-31-87

FACILITY **PSE&G - SALEM GENERATING STN**

LOCATION **Hancocks Bridge, NJ 08038**

ATTN: **GEN MGR-ENV AFF**

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S ) **SALEM**

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                        |  | (3 Card Only) QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |         |              | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------------------------------|---------|--------------|----------------------|----------------------------------------|---------------------------|
|                                                             |                                                                                   | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAXIMUM | UNITS | MINIMUM                                           | AVERAGE | MAXIMUM      |                      |                                        |                           |
| BIOASSAY<br>(96 HR.)<br>61402 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT                                                             | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****   |       | NOTE                                              | *****   | *****        |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *****   | ****  | 50<br>MONTH MN                                    | *****   | *****        |                      | QTRLY                                  |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | SAMPLE<br>MEASUREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
|                                                             | PERMIT<br>REQUIREMENT                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         |              |                      |                                        |                           |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                      |                                                                                   | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |         |       |                                                   |         | TELEPHONE    |                      | DATE                                   |                           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager      |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         | 609          | 339-4399             | 88                                     | 08 19                     |
| TYPED OR PRINTED                                            |                                                                                   | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                                                   |         | AREA<br>CODE | NUMBER               | YEAR                                   | MO DAY                    |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

QUARTERLY REPORTING OF BIOASSAY FOR DSN48C A

NOTE: Bioassay for third quarter will be included in a later report.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSE&G-SALEM GENERATING STATION  
 ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

|               |                  |
|---------------|------------------|
| (2-16)        | (17-19)          |
| NJ0005622     | 487 A            |
| PERMIT NUMBER | DISCHARGE NUMBER |

F - FINAL  
 STORM H2O DSCHG. DSN487

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87

FACILITY PSE&G - SALEM GENERATING STN  
 LOCATION Hancocks Bridge, NJ 08038  
 ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR S) SALEM  
 NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                              | SAMPLE MEASUREMENT | (3 Card Only)<br>(46-53) QUANTITY OR LOADING<br>(54-61) |                 |        | (4 Card Only)<br>(38-45) QUALITY OR CONCENTRATION<br>(46-53) |                 |                   | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|-----------------------------------------------------------------------------------|--------------------|---------------------------------------------------------|-----------------|--------|--------------------------------------------------------------|-----------------|-------------------|-------------------|----------------------------------|------------------------|
|                                                                                   |                    | AVERAGE                                                 | MAXIMUM         | UNITS  | MINIMUM                                                      | AVERAGE         | MAXIMUM           |                   |                                  |                        |
| TEMPERATURE, WATER DEG.<br>00011 1 0 0<br>EFFLUENT GROSS VALUE                    | SAMPLE MEASUREMENT | *****                                                   | *****           |        | *****                                                        | 23.00           | 23.00             | 0                 | 1/31                             | GRAB                   |
|                                                                                   | PERMIT REQUIREMENT | *****                                                   | *****           | ****   | *****                                                        | REPORT 30DA AVG | 30 DAILY MX DEG.C |                   | ONCE/MONTH                       | GRAB                   |
| CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE     | SAMPLE MEASUREMENT | N/A                                                     | N/A             |        | *****                                                        | 24.00           | 24.00             | 0                 | 1/31                             | GRAB                   |
|                                                                                   | PERMIT REQUIREMENT | REPORT 30DA AVG                                         | REPORT DAILY MX | KG/DAY | *****                                                        | REPORT 30DA AVG | 100 DAILY MX MG/L |                   | ONCE/MONTH                       | GRAB                   |
| PH<br>00400 1 0 0<br>EFFLUENT GROSS VALUE                                         | SAMPLE MEASUREMENT | *****                                                   | *****           |        | 7.45                                                         |                 | 7.45              | 0                 | 1/31                             | GRAB                   |
|                                                                                   | PERMIT REQUIREMENT | *****                                                   | *****           | ****   | MINIMUM                                                      | *****           | MAXIMUM SU        |                   | ONCE/MONTH                       | GRAB                   |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                    | SAMPLE MEASUREMENT | N/A                                                     | N/A             |        | 15.63                                                        | 15.63           | 15.63             | 0                 | 1/31                             | GRAB                   |
|                                                                                   | PERMIT REQUIREMENT | REPORT 30 DA AV                                         | REPORT DLY MAX  | KG/DAY | 30 30 DA AV                                                  | 45 07 DA AV     | 100 DLY MAX MG/L  |                   | ONCE/MONTH                       | GRAB                   |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                     | N/A             |        | *****                                                        | <0.10           | <0.10             | 0                 | 1/31                             | GRAB                   |
|                                                                                   | PERMIT REQUIREMENT | REPORT 30DA AVG                                         | REPORT DAILY MX | KG/DAY | *****                                                        | 10 30DA AVG     | 15 DAILY MX MG/L  |                   | ONCE/MONTH                       | GRAB-3                 |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE   | SAMPLE MEASUREMENT | 0.022                                                   | 0.022           |        | *****                                                        | *****           | *****             | 0                 | 1/31                             | CALC                   |
|                                                                                   | PERMIT REQUIREMENT | REPORT 30DA AVG                                         | REPORT DAILY MX | MG/D   | *****                                                        | *****           | *****             | ****              | ONCE/MONTH                       |                        |
|                                                                                   | SAMPLE MEASUREMENT |                                                         |                 |        |                                                              |                 |                   |                   |                                  |                        |
|                                                                                   | PERMIT REQUIREMENT |                                                         |                 |        |                                                              |                 |                   |                   |                                  |                        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J. Trejo  
 Radiation Protection/  
 Chemistry Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4399

DATE

88 08 19

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

STORM WATER DISCHARGE DSN487

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PSE&G-SALEM GENERATING STATION  
 ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622  
 PERMIT NUMBER  
 (17-19) 87A A  
 DISCHARGE NUMBER

Form Approved  
 OMB No. 2040-0004  
 Approval expires 12-31-87  
 F - FINAL  
 SEWAGE TREATMENT DSN487A

FACILITY PSE&G - SALEM GENERATING STN  
 LOCATION Hancocks Bridge, NJ 08038  
 ATTN: GEN MGR-ENV AFF

MONITORING PERIOD  
 FROM YEAR 88 MO 07 DAY 01 TO YEAR 88 MO 07 DAY 31  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 6) SALEM  
 NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                               | X                  | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                     |            | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) |                    |                 | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|------------------------------------------------------------------------------------|--------------------|----------------------------------------------|---------------------|------------|---------------------------------------------------|--------------------|-----------------|----------------------|----------------------------------------|---------------------------|
|                                                                                    |                    | AVERAGE                                      | MAXIMUM             | UNITS      | MINIMUM                                           | AVERAGE            | MAXIMUM         |                      |                                        |                           |
| BOD, 5-DAY<br>(20 DEG. C)<br>00310 1 0 0<br>EFFLUENT GROSS VALUE                   | SAMPLE MEASUREMENT | 0.66                                         | 2.19                |            | *****                                             | *****              | *****           | 0                    | 3/31                                   | GRAB                      |
|                                                                                    | PERMIT REQUIREMENT | 0.97<br>30DA AVG                             | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                             | *****              | *****           | ****                 | ONCE/<br>MONTH                         | GRAB                      |
| PH                                                                                 | SAMPLE MEASUREMENT | *****                                        | *****               |            | 6.40                                              | *****              | 7.60            | 0                    | 20/31                                  | GRAB                      |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                                | PERMIT REQUIREMENT | *****                                        | *****               | ****       | MINIMUM                                           | *****              | 9<br>MAXIMUM    | 0                    | ONCE/<br>MONTH                         | GRAB                      |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                  | SAMPLE MEASUREMENT | N/A                                          | N/A                 |            | 17.00                                             | 17.00              | 17.00           | 0                    | 1/31                                   | COMPOS                    |
|                                                                                    | PERMIT REQUIREMENT | REPORT<br>30 DA AV                           | REPORT<br>DLY MAX   | KG/<br>DAY | 30<br>30 DA AV                                    | 45<br>07 DA AV     | 100<br>DLY MAX  | 0                    | ONCE/<br>MONTH                         | COMPOS                    |
| OIL AND GREASE<br>FREON EXTR-GRAV METH<br>00556 1 0 0<br>EFFLUENT GROSS VALUE      | SAMPLE MEASUREMENT | N/A                                          | N/A                 |            | *****                                             | <5.00              | <5.00           | 0                    | 1/31                                   | GRAB                      |
|                                                                                    | PERMIT REQUIREMENT | REPORT<br>30DA AVG                           | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                             | REPORT<br>30DA AVG | 10<br>DAILY MAX | 0                    | ONCE/<br>MONTH                         | GRAB                      |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 0.006                                        | 0.020               |            | *****                                             | *****              | *****           | 0                    | 31/31                                  | GRAB                      |
|                                                                                    | PERMIT REQUIREMENT | 0.2<br>30DA AVG                              | REPORT<br>DAILY MAX | MGD        | *****                                             | *****              | *****           | ****                 | DAILY                                  | GRAB                      |
| COLIFORM, FECAL<br>GENERAL<br>74055 1 0 0<br>EFFLUENT GROSS VALUE                  | SAMPLE MEASUREMENT | *****                                        | *****               |            | *****                                             | <4.00              | <4.00           | 0                    | 1/31                                   | GRAB                      |
|                                                                                    | PERMIT REQUIREMENT | *****                                        | *****               | ****       | *****                                             | 200<br>30DA GEO    | 400<br>7DA GEO  | 0                    | ONCE/<br>MONTH                         | GRAB                      |
| BOD, 5-DAY PERCENT<br>REMOVAL<br>81010 K 0 0<br>PERCENTREMOVAL                     | SAMPLE MEASUREMENT | *****                                        | *****               |            | 87.72                                             | *****              | *****           | 0                    | 1/31                                   | CALC                      |
|                                                                                    | PERMIT REQUIREMENT | *****                                        | *****               | ****       | 87.5<br>MONTH MN                                  | *****              | *****           | 0                    | ONCE/<br>MONTH                         | CALCTD                    |

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                  |                    |            |          |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------|--------------------|------------|----------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                 | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND 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 SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.) | TELEPHONE                                                       |                  | DATE               |            |          |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT | 609<br>AREA CODE | 339-4399<br>NUMBER | 88<br>YEAR | 08<br>MO |

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SEWAGE TREATMENT PLANT WASTE WATER - DSN487A

PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

NAME FSE&G-SALEM GENERATING STATION  
ADDRESS 80 PARK PLAZA  
NEWARK NJ 07101

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622  
PERMIT NUMBER

489 A  
DISCHARGE NUMBER

F - FINAL  
STORMWATER

Form Approved  
OMB No. 2040-0004  
Approval expires 12-31-87

FACILITY FSE&G - SALEM GENERATING STN  
LOCATION Hancocks Bridge, NJ 08038  
ATTN: GEN MGR-ENV AFF

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 88      | 07      | 01      |    | 88      | 07      | 31      |
|                   | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBRS) SALEM  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                                |                    | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(38-45) |                    |                     | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |           |
|-------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|------------------------------------------------------|--------------------|---------------------|----------------------|----------------------------------------|---------------------------|-----------|
|                                                                                     |                    | AVERAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAXIMUM             | UNITS      | MINIMUM                                              | AVERAGE            | MAXIMUM             |                      |                                        |                           |           |
| CHEM. OXYGEN DEMAND<br>(HIGH LEVEL) (COD)<br>00340 1 0 0<br>EFFLUENT GROSS VALUE    | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                | 130.19             | 183.00              | 1                    | 2/31                                   | GRAB                      |           |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                                | REPORT<br>30DA AVG | 100<br>DAILY MAX    |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| PH                                                                                  | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               |            | 6.80                                                 | *****              | 6.80                | 0                    | 1/31                                   | GRAB                      |           |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                                 | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *****               | ****       | MINIMUM                                              | *****              | 9<br>MAXIMUM        |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                   | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | 7.75                                                 | 7.75               | 7.75                | 0                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30 DA AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DLY MAX   | KG/<br>DAY | 30<br>30 DA AV                                       | 45<br>07 DA AV     | 100<br>DLY MAX      |                      | ONCE/<br>MONTH                         | GRAB                      |           |
| HYDROCARBONS, IN H2O<br>IR, CC14 EXT. CHROMA<br>00551 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                 |            | *****                                                | 6.53               | 6.53                | 0                    | 1/31                                   | GRAB                      |           |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | KG/<br>DAY | *****                                                | 10<br>30DA AVG     | 15<br>DAILY MAX     |                      | ONCE/<br>MONTH                         | GRAB-3                    |           |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE MEASUREMENT | 0.018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.018               |            | *****                                                | *****              | *****               | *                    | 1/31                                   | CALC                      |           |
|                                                                                     | PERMIT REQUIREMENT | REPORT<br>30DA AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | REPORT<br>DAILY MAX | MGD        | *****                                                | *****              | *****               | ****                 | ONCE/<br>MONTH                         | GRAB                      |           |
|                                                                                     | SAMPLE MEASUREMENT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    |                     |                      |                                        |                           |           |
|                                                                                     | PERMIT REQUIREMENT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    |                     |                      |                                        |                           |           |
|                                                                                     | SAMPLE MEASUREMENT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    |                     |                      |                                        |                           |           |
|                                                                                     | PERMIT REQUIREMENT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    |                     |                      |                                        |                           |           |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                              |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND 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 SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |                     |            |                                                      |                    | TELEPHONE           |                      | DATE                                   |                           |           |
| J. Trejo<br>Radiation Protection/<br>Chemistry Manager                              |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    |                     |                      |                                        |                           |           |
| TYPED OR PRINTED                                                                    |                    | SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                                                      |                    | 609<br>AREA<br>CODE | 339-4399<br>NUMBER   | 88<br>YEAR                             | 08<br>MO                  | 19<br>DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Storm Water Discharge DSN 489

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

**MONITORING REPORT - TRANSMITTAL SHEET**

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0 0 0 5 6 2 2

0 7 8 8 THRU 0 7 8 8

**PERMITTEE:**

Name Public Service Electric & Gas Co

Address P.O. Box E

Hancocks Bridge, NJ 08038

**FACILITY:**

Name Salem Generating Station

Address Buttonwood Road

Hancocks Bridge

(County)

Salem

Telephone ( 609 ) 935-6000

**FORMS ATTACHED (Indicate Quantity of Each)**

**SLUDGE REPORTS - SANITARY**

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

**SLUDGE REPORTS - INDUSTRIAL**

☐ T-VWX-010A ☐ T-VWX-010B

**WASTEWATER REPORTS**

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

**GROUNDWATER REPORTS**

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

**NJPDES DISCHARGE MONITORING REPORT**

☒ EPA FORM 3320-1

**OPERATING EXCEPTIONS**

YES NO

DYE TESTING

☐ ☐

TEMPORARY BYPASSING

☐ ☐

DISINFECTION INTERRUPTION

☐ ☐

MONITORING MALFUNCTIONS

☐ ☐

UNITS OUT OF OPERATION

☐ ☐

OTHER

☐ ☐

(Detail any "Yes" on reverse side  
in appropriate space.)

**NOTE:** The "Hours Attended as Plans" on the  
reverse of this sheet must also be completed.

**AUTHENTICATION**

- 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.

**LICENSED OPERATOR**

Name (Printed) Paul Behrens

Grade & Registry No. S-3, S-5235

Signature

Date

**PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE**

Name (Printed) John Trejo

Title (Printed) Rad. Prot./Chem. Mgr.

Signature

Date

## This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or printed text on the paper.

Month 07 Year 88

|                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Day of Month</b>      | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> |
| <b>Licensed Operator</b> | 8         |           |           |           | 8         | 8         | 8         | 8         |           |           | 8         | 8         | 8         | 8         |           |           |
| <b>Others</b>            | 4         |           |           |           | 4         |           |           | 4         |           |           | 4         | 4         | 4         | 4         |           |           |
| <b>Day of Month</b>      | <b>17</b> | <b>18</b> | <b>19</b> | <b>20</b> | <b>21</b> | <b>22</b> | <b>23</b> | <b>24</b> | <b>25</b> | <b>26</b> | <b>27</b> | <b>28</b> | <b>29</b> | <b>30</b> | <b>31</b> |           |
| <b>Licensed Operator</b> |           | 8         | 8         | 8         | 8         | 8         |           |           | 8         | 8         | 8         | 8         | 8         |           |           |           |
| <b>Others</b>            |           | 4         | 3         | 3         | 3         | 3         |           |           | 4         | 4         | 4         | 4         |           |           |           |           |



## This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or printed text on the paper.

Year 88

|                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Day of Month</b>      | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> |
| <b>Licensed Operator</b> | 8         |           |           |           | 8         | 8         | 8         | 8         |           |           | 8         | 8         | 8         | 8         |           |           |
| <b>Others</b>            | 4         |           |           |           | 4         |           |           | 4         |           |           | 4         | 4         | 4         | 4         |           |           |
| <b>Day of Month</b>      | <b>17</b> | <b>18</b> | <b>19</b> | <b>20</b> | <b>21</b> | <b>22</b> | <b>23</b> | <b>24</b> | <b>25</b> | <b>26</b> | <b>27</b> | <b>28</b> | <b>29</b> | <b>30</b> | <b>31</b> |           |
| <b>Licensed Operator</b> |           | 8         | 8         | 8         | 8         | 8         |           |           | 8         | 8         | 8         | 8         | 8         |           |           |           |
| <b>Others</b>            |           | 4         | 3         | 3         | 3         | 3         |           |           | 4         | 4         | 4         | 4         |           |           |           |           |



Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

August 19, 1988

George Caporale - Chief  
Bureau of Permits Admin.  
Division of Water Resources  
CN-029  
Trenton, NJ 08625

Dear Mr. Caporale

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

Attached is the Discharge Monitoring Report for Salem Generating Station containing the information as required in Permit No. NJ0005622 for the month of July, 1988.

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

Exclusion explanations are included on additional pages.

Very truly yours,

*John T. Rys*  
Radiation Protection/  
Chemistry Manager -  
Salem Operations

PDB:pad  
Attachments

C Executive Director, DRBC  
Director, USNRC Office of Nuclear Reactor Regulation  
Vice President - Nuclear  
USEPA - Dr. Richard Baker

The Energy People

TEAS  
11

The following exclusions are included in the attached report and explained below. Exclusions have not endangered nor significantly impacted public health or the environment.

DMR NO.

EXPLANATION

48C

Ammonia - The source of the ammonia has been identified as to its in-plant source. A testing program has been initiated in an effort to identify possible modifications to the process and/or equipment involved.

489

COD - This oil/water separator has been completely cleaned, inspected and returned to service as of this date. A laboratory has been contracted to commence extensive chemical analyses in an effort to identify the possible source of the COD.

The following explanations are included to clarify possible deviations 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.

All reported concentrations are based on daily discharge values.

Total residual chlorine is performed once per eight hours of chlorination unless otherwise indicated.

Analytical values which are less than detectable are reported as zero unless otherwise indicated.

Analytical results for all parameters other than pH, temperature, TSS and TRC are provided by Century Laboratories (NJDEP certification 08153).

- 48C - Clarifier - Effluent pH is reported for informational purposes only.
- 487,489 - Measurements are obtained from single grab samples unless sampling protocols are met. Direct flow measurement is impossible at this location. Reported values are based upon National Weather Service Data in accordance with the agreement reached with NJDEP on 2/10/88.
- 481-486 - Chlorination of the circulation water system normally does not occur except as otherwise noted. Service water system chlorination is normally continuous and is monitored on the circulating water system outfall due to the inability to sample service water effluent directly.

Chlorination of both systems will be indicated by results reported for both and represents their combined affect upon the circulating water outfall.