



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

Salem Generating Station

March 24, 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 February, 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. ...
Radiation Protection/
Chemistry Manager -
Salem Operations

8804110008 880229
PDR ADDCK 05000272
R PDR

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.

<u>DMR NO.</u>	<u>EXPLANATION</u>
481A, 484A, 485A	<u>TSS</u> - As no known causative agent exists for the introduction of suspended solids into DSN's 481-486, sample deficiencies are suspected to be present. Multiple grab sampling has been initiated to dampen influent/effluent fluctuations due to river variations.
481A-483A	<u>TRC</u> - Chlorination rate reduced immediately to decrease TRC values. Exceedances caused by unit outage and loss of normal cooling water.
485A	<u>pH</u> - Cause of low pH has not been determined based upon a review of the available system and equipment configuration information available.
48C A	<u>pH</u> - This exceedance is based upon the value measured at DSN 485 above but does not correlate with the known 48C system effluent on the day in question. This value appears to be an invalid sample.
487A	<u>Temperature, pH</u> - These samples were not obtained due to a personnel error. Corrective actions have been taken to preclude a repeat occurrence.
489A	<u>pH</u> - This sample was not obtained to due a personnel error. Corrective action has been taken to preclude a repeat occurrence.
48C A/87A A	Grab samples were obtained in lieu of the permit specified composite samples. A programatic change has been undertaken to resolve this oversight.

DMR NO.

48C A

EXPLANATION

Fe, Cu - Cause of exceedances has been identified as the failure of a pH controller. Corrective action has been affected by the repair of the malfunctioning pH controller.

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.

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0 | 0 | 0 | 5 | 6 | 2 | 2 |

0 | 2 | 8 | 8 | THRU 0 | 2 | 8 | 8 |

PERMITTEE:

Name Public Service Electric & Gas Co

Address P.O. Box E

Hancocks Bridge, NJ 08038

FACILITY:

Name Salem Generating Station

Address Buttwood 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

NPDES 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 at Plant" 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) R. J. Dolan

Grade & Registry No. NN, S-4412, S-3, S-5241

Signature *R. J. Dolan*

Date 23 Mar 88

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) John Trejo

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

Signature *John Trejo*

Date 3-24-88

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)

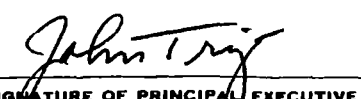
(2-16) NJ0005622 PERMIT NUMBER
 (17-19) 481 A DISCHARGE NUMBER

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						
YEAR	MO	DAY	TO	YEAR	MO	DAY
88	02	01		88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0		N/A	N/A		*****	51.00	51.00		*	1/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0		N/A	N/A		*****	0.00	0.00		0	1/29	GRAB	
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0		N/A	N/A		*****	64.00	64.00		*	1/29	GRAB	
INTAKE FROM STREAM	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
PH 00400 1 0 0		*****	*****		6.50	*****	7.50		0	2/7*	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	GRAB	
PH 00400 7 0 0		*****	*****		6.70	*****	7.80		*	2/7*	GRAB	
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		WEEKLY	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0		N/A	N/A		*****	237.50	237.50		*	1/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 2 0 0		N/A	N/A		*****	52.50	52.50		2	1/29	GRAB	
EFFLUENT NET VALUE	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 5 years.)							TELEPHONE		DATE		
J. Trejo Radiation Protection/ Chemistry Manager								609	339-4399	88	03	24
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

*During unit operation

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) **481 A**
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL
 NON-CONTACT COOLING WATER
 #11 Condenser

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM		N/A	N/A	KG/DAY	*****	185.00	185.00	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A	KG/DAY	*****	<0.10	<0.10	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE		N/A	N/A	KG/DAY	*****	0.00	0.00	MG/L	0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM		N/A	N/A	KG/DAY	*****	<0.10	<0.10	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		282.60	532.80	MGD	*****	*****	*****	MG/L	*	CONT.	CONT.
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	MGD	*****	*****	*****	MG/L		CONTINUOUS	
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW		N/A	N/A	KG/DAY	<0.01	0.04	0.41	MG/L	1	1/Period	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 0.2	REPORT	MG/L		1/Period	GRAB
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 SEE COMMENTS BELOW		N/A	N/A	KG/DAY	N/A	N/A	N/A	MG/L		1/Period	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 0.2	REPORT	MG/L		1/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
 DATE 88 03 24

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

PARAMETER 50060 "T" = CWS DSCHG. - 50060 "S" = SWS ISCHG.
 *During chlorination

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)
482 A
DISCHARGE NUMBER

F - FINAL
NON-CONTACT COOLING WATER
#12 Condenser
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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A	KG/DAY	*****	40.00	40.00	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MAX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MAX		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0 EFFLUENT NET VALUE		N/A	N/A	KG/DAY	*****	26.00	26.00	0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MAX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MAX 50		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0 INTAKE FROM STREAM		N/A	N/A	KG/DAY	*****	14.00	14.00	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MAX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MAX		ONCE/MONTH	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.90	*****	7.30	0	2/7*	GRAB
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM 6	*****	MAXIMUM 9		WEEKLY	GRAB
PH 00400 7 0 0 INTAKE FROM STREAM		*****	*****	****	6.70	*****	7.80	*	2/7*	GRAB
	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A	KG/DAY	*****	170.00	170.00	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DLY MAX	KG/DAY	*****	REPORT 07 DA AV	REPORT DLY MAX		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0 0 EFFLUENT NET VALUE		N/A	N/A	KG/DAY	*****	24.00	24.00	0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV 45		ONCE/MONTH	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 Trejo
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-4399
DATE 88 03 24
AREA CODE NUMBER YEAR MO DAY

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

*During unit operation

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) 482 A DISCHARGE NUMBER

F - FINAL
 NON-CONTACT COOLING WATER
 #12 Condenser

Form Approved
 OMB No. 2040-0034
 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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	N/A	N/A		*****	146.00	146.00		*	1/29 GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	N/A	N/A		*****	<0.10	<0.10		*	1/29 GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	N/A	N/A		*****	0.00	0.00		0	1/29 GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	N/A	N/A		*****	<0.10	<0.10		*	1/29 GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH GRAB
FLOW, IN CONDUIT OF THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	264.40	510.60		*****	*****	*****		*	CONT. CONT.
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	MGD	*****	*****	*****	****		CONT. CONT.
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	N/A	N/A		<0.01	0.03	0.43		2	1/Period GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AV	REPORT DAILY MX	0.2 MG/L		1/Period GRAB
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 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	0.2 MG/L		1/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)

John Trejo
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-4399
 AREA CODE NUMBER
 DATE
 88 03 24
 YEAR MO DAY

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

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

*During chlorination

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

NJ0005623
 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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0	REPORT	N/A	N/A	KG/DAY	*****	70.00	70.00	*	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30DA AVG DAILY MX	*****	REPORT	REPORT		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0	REPORT	N/A	N/A	KG/DAY	*****	0.00	0.00	0	1/29	GRAB
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30DA AVG DAILY MX	*****	REPORT	50 DAILY MX		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0	REPORT	N/A	N/A	KG/DAY	*****	93.00	93.00	*	1/29	GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	REPORT	REPORT	30DA AVG DAILY MX	*****	REPORT	REPORT		ONCE/MONTH	GRAB
PH 00400 1 0 0	REPORT	*****	*****	*****	6.70	*****	7.30	0	2/7*	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM		WEEKLY	GRAB
PH 00400 7 0 0	REPORT	*****	*****	*****	6.70	*****	7.80	*	2/7*	GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	*****	REPORT	*****	REPORT		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	REPORT	N/A	N/A	KG/DAY	*****	126.50	126.50	*	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30DA AV 7DA AV	*****	REPORT	REPORT		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0 0	REPORT	N/A	N/A	KG/DAY	*****	0.00	0.00	0	1/29	GRAB
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30DA AV 7DA AV	*****	30	45		ONCE/MONTH	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.)

TELEPHONE
 DATE
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 AREA CODE NUMBER YEAR MO DAY

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

*During unit operation

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						
YEAR	MO	DAY	TO	YEAR	MO	DAY
88	02	01		88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)				NO. EX (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	139.00	139.00		*	1/29	GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB	
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A		*****	<0.10	<0.10		*	1/29	GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE		N/A	N/A		*****	0.00	0.00		0	1/29	GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	0.10	0.10		*	1/29	GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		91.60	499.50		*****	*****	*****		*	CONT.	CONT.	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	MGD	*****	*****	*****	*****		CONTINUOUS		
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW		N/A	N/A		<0.01	0.07	0.54		2	1/Period	*GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AV	REPORT DAILY MX	MG/L		1/Period	GRAB	
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 SEE COMMENTS BELOW		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	MG/L		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 5 years.)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE	DATE			
J. Trejo Radiation Protection/ Chemistry Manager					<i>John Trejo</i>			609 339-4399	88	03	24	
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

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

*During chlorination

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

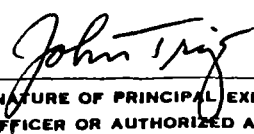
484 A
 DISCHARGE NUMBER

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0		N/A	N/A		*****	160.00	160.00		1/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L	ONCE/MONTH	GRAB	
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0		N/A	N/A		*****	0.00	0.00	0	1/29	GRAB	
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	50 MG/L	ONCE/MONTH	GRAB	
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0		N/A	N/A		*****	190.00	190.00	*	1/29	GRAB	
INTAKE FROM STREAM	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L	ONCE/MONTH	GRAB	
PH 00400 1 0 0		*****	*****	****	6.70	*****	7.40	0	2/7	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU	WEEKLY	GRAB	
PH 00400 7 0 0		*****	*****	****	6.70	*****	7.80	*	2/7	GRAB	
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU	WEEKLY	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0		N/A	N/A		*****	142.50	142.50	*	1/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L	ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 2 0 0		N/A	N/A		*****	40.00	40.00	1	1/29	GRAB	
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	45 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 5 years.)						TELEPHONE		DATE		
J. Trejo Radiation Protection/ Chemistry Manager							609	339-4399	88	03	24
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

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)
 484 A
 DISCHARGE NUMBER

F - FINAL
 NON-CONTACT COOLING WATER
 #21 Condenser

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM		N/A	N/A	KG/DAY	*****	102.50	102.50	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A	KG/DAY	*****	2.00	2.00	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE		N/A	N/A	KG/DAY	*****	0.00	0.00	MG/L	0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT 10 DAILY MX	MG/L		once/month	GRAB
HYDROCARBONS, IN H2O IR,CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM		N/A	N/A	KG/DAY	*****	2.10	2.10	MG/L	*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AV	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		502.30	532.80	MGD	*****	*****	*****	MGD	*	CONT.	CONT.
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	MGD	*****	*****	*****	MGD		CONTINUOUS	
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW		N/A	N/A	KG/DAY	<0.01	0.01	0.05	MG/L	0	1/Period	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AV	REPORT 0.2 DAILY MX	MG/L		1/Period	GRAB
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 SEE COMMENTS BELOW		N/A	N/A	KG/DAY	N/A	N/A	N/A	MG/L			GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AV	REPORT 0.2 DAILY MX	MG/L		1/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
John Trejo
 TELEPHONE
 609 339-4399
 AREA CODE NUMBER
 DATE
 88 03 24
 YEAR MO DAY

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

PARAMETER 50060 "T" = CWS DSCHG. - 50060 "S" = SWS DSCHG.
 *During chlorination

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							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	88	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 6) SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0		N/A	N/A		*****	110.00	110.00		*	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0		N/A	N/A		*****	0.00	0.00		0	1/29	GRAB
EFFLUENT NET VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0		N/A	N/A		*****	120.00	120.00		*	1/29	GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
FH 00400 1 0 0		*****	*****	****	5.80	*****	7.20		1	2/7	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	GRAB
FH 00400 7 0 0		*****	*****	****	6.70	*****	7.80		*	2/7	GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		WEEKLY	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0		N/A	N/A		*****	145.00	145.00		*	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0 0		N/A	N/A		*****	43.50	43.50		1	1/29	GRAB
EFFLUENT NET VALUE	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 5 years.)						TELEPHONE		DATE		
J. Trejo Radiation Protection/ Chemistry Manager	<i>John Trejo</i>						609	339-4399	88	03	24
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

NJ0005622
 PERMIT NUMBER


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	02	01	TO	88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	101.50	101.50		*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A		*****	2.00	2.00		*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB-3
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE		N/A	N/A		*****	0.00	0.00		0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	2.30	2.30		*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		458.70	532.80		*****	*****	*****		*	CONT.	CONT.
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW		N/A	N/A		<0.01	0.01	0.08		0	1/Period*	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AVG	REPORT DAILY MX	MG/L		1/Period	GRAB
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 SEE COMMENTS BELOW		N/A	N/A		N/A	N/A	N/A				GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AVG	REPORT DAILY MX	MG/L		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 5 years.)				TELEPHONE		DATE				
J. Trejo Radiation Protection/ Chemistry Manager					609 339-4399		88	03	24		
TYPED OR PRINTED					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY

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

PARAMETER 50060 "T" = CWS DISCHG. - 50060 "S" = SWS DISCHG.
 *During chlorination

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) 486 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	02	01		88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-65)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A		*****	130.00	130.00		*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 2 0 0 EFFLUENT NET VALUE		N/A	N/A		*****	0.00	0.00		0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	50 MG/L		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	140.00	140.00		*	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.80	*****	7.40		0	2/7	GRAB
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM 6	*****	MAXIMUM 9	SU		WEEKLY	GRAB
PH 00400 7 0 0 INTAKE FROM STREAM		*****	*****	****	6.70	*****	7.80		*	2/7	GRAB
	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A		*****	128.00	128.00		*	1/29	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 00530 2 0 0 EFFLUENT NET VALUE		N/A	N/A		*****	14.00	14.00		0	1/29	GRAB
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	30 45 MG/L		ONCE/MONTH	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 Trejo
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-4399
 AREA CODE NUMBER
 DATE
 88 03 24
 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 PLAZA
NEWARK NJ 07101

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

(2-16) NJ0005623 PERMIT NUMBER
 (17-19) 486 A DISCHARGE NUMBER

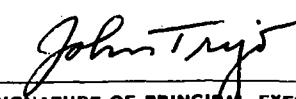
F - FINAL
 NON-CONTACT COOLING WATER
 #23 Condenser

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	88	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
SOLIDS, TOTAL SUSPENDED 00530 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	114.00	114.00		*	1/29 GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AV	REPORT 7DA AV	KG/DAY	*****	REPORT 30DA AV	REPORT 7DA AV	MG/L		ONCE/MONTH GRAB	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 1 0 0 EFFLUENT GROSS VALUE		N/A	N/A		*****	2.00	2.00		*	1/29 GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH GRAB	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 2 0 0 EFFLUENT NET VALUE		N/A	N/A		*****	0.00	0.00		0	1/29 GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT 10 DAILY MX	MG/L		ONCE/MONTH GRAB	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 7 0 0 INTAKE FROM STREAM		N/A	N/A		*****	2.00	2.00		*	1/29 GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		483.60	532.80		*****	*****	*****		*	CONT. CONT.	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	
CHLORINE, TOTAL RESIDUAL SWS 50060 S 0 0 SEE COMMENTS BELOW		N/A	N/A		<0.01	0.01	0.09		0	1/Period* GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AVG	REPORT 0.2 DAILY MX	MG/L		1/Period GRAB	
CHLORINE, TOTAL RESIDUAL CWS 50060 T 0 0 SEE COMMENTS BELOW		N/A	N/A		N/A	N/A	N/A			GRAB	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	REPORT	REPORT 30DA AVG	REPORT 0.2 DAILY MX	MG/L		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 5 years.)						TELEPHONE		DATE		
J. Trejo Radiation Protection/ Chemistry Manager							609 339-4399		88	03	24
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

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

*During chlorination

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)

NJ0005622
 PERMIT NUMBER

FAC A
 DISCHARGE NUMBER

F - FINAL
 THERMAL DISCHG FOR And Facility DSN 481-486
 Form Approved OMB No. 2040-0004
 Approval expires 12-31-87 DSN 481-483

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	02	01	TO	88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	3.40	8.50	0	CONT.	CONT.
TEMPERATURE, WATER DEG. 00011 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	43.30 DAILY MX DEG. C	0	CONT.	CONTIN UOUS
TEMPERATURE, WATER DEG. 00011 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX DEG. C	*	CONT.	CONT.
THERMAL DISCHARGE MILLION BTUS PER HR. 00015 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	9822.00	14184.00	MBTU/HR	*****	*****	*****	0	CALC	CALC
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	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 Radiation Protection/ Chemistry Manager TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		609	339-4399	88
					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)

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

FAC B
 DISCHARGE NUMBER

F - FINAL
 THERMAL DSCHG FOR DSN 484-486

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
TEMPERATURE, WATER DEG. 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	13.20	18.10		0	CONT.	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	43.30 DAILY MX	DEG. C		CONTINUOUS	
TEMPERATURE, WATER DEG. 00011 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	10.30	14.50		0	CONT.	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	15.30 DAILY MX	DEG. C		CONTINUOUS	
TEMPERATURE, WATER DEG. 00011 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	2.70	3.40		*	CONT.	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	DEG. C		CONTINUOUS	
	SAMPLE MEASUREMENT				*****	*****	*****				
	PERMIT REQUIREMENT				*****	*****	*****	****	****		
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	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 Radiation Protection/ Chemistry Manager TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		609	339-4399	88
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)

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) **48C A**
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved OMB No. 2040-0004
 Annual copies 12-31-87
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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
TEMPERATURE, WATER DEG. 00011 1 0 0		*****	*****		7.00	8.44	10.00		*	16/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT	REPORT 30DA AVG	REPORT DAILY MX	DEG. C		ONCE/MONTH	GRAB	
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0	SAMPLE MEASUREMENT	N/A	N/A		*****	15.00	20.00		0	2/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	50 DAILY MX	MG/L		TWICE/MONTH	COMPOS	
PH Compliance Point 00400 0 0 0	SAMPLE MEASUREMENT	*****	*****		5.80	*****	7.50		1	24/29	GRAB	
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	6R MINIMUM	*****	9R MAXIMUM	SU		ONCE/MONTH	GRAB	
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****		3.10	*****	10.90		*	4/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	N/A	N/A		27.50	27.50	34.00		0	2/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DLY MAX	KG/DAY	30 30 DA AV	45 07 DA AV	100 DLY MAX	MG/L		TWICE/MONTH	COMPOS	
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMAT 00551 1 0 0	SAMPLE MEASUREMENT	N/A	N/A		*****	4.45	4.70		0	2/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	10 30DA AVG	15 DAILY MX	MG/L		TWICE/MONTH	GRAB	
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0	SAMPLE MEASUREMENT	N/A	N/A		*****	<50.00	<50.00		0	2/29	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	KG/DAY	*****	REPORT 30DA AVG	100 DAILY MX	UG/L		TWICE/MONTH	COMPOS	
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 Radiation Protection/ Chemistry Manager								609 339-4399		88	03	24
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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 48CV QUARTERLY REPORTING DMR FOR DSN48C A

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

48C A
 DISCHARGE NUMBER

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	N/A	N/A	KG/DAY	*****	140.00	210.00	1	2/29	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	KG/DAY	*****	1600.00	1900.00	2	2/29	GRAB
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	N/A	N/A	KG/DAY	*****	<10.00	<10.00	0	2/29	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.22	6.42	MGD	*****	*****	*****	*	CONT.	CONT.
NITROGEN, AMMONIA TOTAL (AS NH4) 71845 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	N/A	N/A	KG/DAY	*****	27.50	34.00	0	2/29	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 Trejo
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 339-4399
 AREA CODE NUMBER
 DATE
88 03 24
 YEAR MO 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)
48C V
DISCHARGE NUMBER

F - FINAL
BIOASSAY QTRLY MONIT. FOR 48CA

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	02	01		88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BIOASSAY (96 HR.) 61402 1 0 0 EFFLUENT GROSS VALUE		*****	*****		NOTE	*****	*****				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	*****	*****	****	50 MONTH MN	*****	*****	PER- CENT		QTRLY	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	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.)

John Trejo
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 | 339-4399
AREA CODE | NUMBER

DATE
88 | 03 | 24
YEAR | MO | DAY

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

QUARTERLY REPORTING OF BIOASSAY FOR D6N48C A

NOTE: Will be included with March Report.

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 DSN487

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

NJ0005622
 PERMIT NUMBER

487 A
 DISCHARGE NUMBER

F - FINAL
 STORM H2O DISCHG. DSN487

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
88	02	01		88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. 00011 1 0 0		*****	*****		*****					GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	30		ONCE/MONTH	GRAB
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0		N/A	N/A		*****	60.00	60.00	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	*****	REPORT	100		ONCE/MONTH	GRAB
PH		*****	*****			*****				GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0		N/A	N/A		14.00	14.00	14.00	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	30	45	100		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA 00551 1 0 0		N/A	N/A		*****	2.00	2.00	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	*****	10	15		ONCE/MONTH	GRAB-3
FLOW, IN CONDUIT OF THRU TREATMENT PLANT 50050 1 0 0		0.014	0.014		*****	*****	*****	*	CALC	CALC
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****	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.)

John Trejo
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-4399
 DATE
 88 03 24
 AREA CODE NUMBER YEAR MO DAY

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

STORM WATER DISCHARGE DSN487

NOTE: pH and temperature were not measured during this report period due to personnel error.

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

87A A
 DISCHARGE NUMBER

F - FINAL SEWAGE TREATMENT

DISN487A

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	02	01	TO	88	02	29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	0.27	0.27	REPORT	KG/DAY	*****	*****	*****	0	1/29	GRAB
PH	*****	*****	*****	*****	6.80	*****	7.90	0	29/29	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	N/A	N/A	REPORT	KG/DAY	13.31	13.31	17.00	0	1/29	GRAB
OIL AND GREASE 00556 1 0 0 EFFLUENT GROSS VALUE	N/A	N/A	REPORT	KG/DAY	*****	<5.00	<5.00	0	1/29	GRAB
FLOW, IN CONDUIT OF THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	0.004	0.01	REPORT	MGD	*****	*****	*****	0	29/29	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	<4.00	<4.00	0	1/29	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0 PERCENT REMOVAL	*****	*****	*****	*****	96.11	*****	*****	0	1/29	CALC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. Trejo
Radiation Protection/
Chemistry Manager

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY WITH 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 03 24

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

SEWAGE TREATMENT PLANT WASTE WATER - DISN487A

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

NJ0005622
 PERMIT NUMBER

489 A
 DISCHARGE NUMBER

F - FINAL STORMWATER

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	02	01		88	02	29
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CHEM. OXYGEN DEMAND (HIGH LEVEL) (COD) 00340 1 0 0	REPORT	N/A	N/A	KG/DAY	*****	47.00	47.00	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	*****	REPORT	100		ONCE/MONTH	GRAB
PH	REPORT	*****	*****	*****	NOTE	*****	NOTE			GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	9		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	REPORT	N/A	N/A	KG/DAY	5.00	5.00	5.00	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	30	45	100		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMAT 00551 1 0 0	REPORT	N/A	N/A	KG/DAY	*****	2.30	2.30	0	1/29	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	KG/DAY	*****	10	15		ONCE/MONTH	GRAB-3
FLOW, IN CONDUIT OF THRU TREATMENT PLANT 50050 1 0 0	REPORT	0.012	0.012	MGD	*****	*****	*****	*	CALC.	CALC
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****	ONCE/MONTH	GRAB
	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.)

John Trejo
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-4399
 DATE
 88 03 24

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

Storm Water Discharge DSN 489
 NOTE: pH was not measured during this report period due to personnel error.