



Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Nuclear Generating Station

April 20, 1979

Status of Compliance Branch
Enforcement Division
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10007

Attention: Dr. Richard A. Baker, Chief

Dear Sir:

NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM
DISCHARGE MONITORING REPORTS
SALEM NUCLEAR GENERATING STATION
PERMIT NO. NJ 0005622

Attached are the Discharging Monitoring Reports for Salem Nuclear
Generating Station containing the information, as outlined in
Permit No. NJ 0005622 for the month of March, 1979.

The material removed from the main circulating water and collected
on the traveling screens was removed from the property by the O'Hara
Sanitation Company, Inc., King of Prussia, Pennsylvania and deposited
at the Quinton landfill.

Very truly yours,

H. J. Midura
Manager - Salem Generating Station

LKM:pgb

CC: Director, Division of Water Resources (N.J. Dept. of Env. Pro.)
General Manager - Electric Production
Mr. Gerald M. Hansler, Executive Director, Delaware River Basin
Commission, P.O. Box 7360, West Trenton, N. J. 08628
Director, Office of Nuclear Reactor Regulation, USNRC, Washington,
D.C. 20555.

17.5.18.R1



7905080421

A007
5/11

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME P.S.E.&G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
 NEWARK
 NJ 07101
FACILITY
LOCATION LOWER ALLOWAYS CREEK

(2-16) NJ0005622 I 481
 PERMIT NUMBER DISCHARGE NUMBER

GP AT MI
17 2 I

MONITORING PERIOD
 FROM 79 03 01 TO 79 03 31
 YEAR MO DAY YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER
COOLING WATER

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 (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			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****	DEG. C	2.8	8.2	22.3			Cont	N/A
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	DEG. C	4.4	15.3	26.8	0	Cont	N/A	
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00		CONT	*	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****	DEG. C	0	7.1	21.3	11	Cont	N/A	
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30		*	*	
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	SU	6.90	7.10	7.69	0	2/7	Gr	
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00		2/7	GR	
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****	SU	6.80	6.93	7.51		2/7	Gr	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		2/7	GR	
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	MGD	0	420.0	532.8			Calc	N/A
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	0	0	0		0	Cont	N/A
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50	MG/L		CONT	*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Schneider, F. W.
 V. P. - Production
 TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

F. W. Schneider
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 365-7000
 DATE 79 04 20
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DIS 481 IS CONDENSER COOLING WATER. WHEN INTK PH LESS THAN 6.0, DIS PH NOT TO BE LESS. WHEN INTK PH GREATER THAN 9.0, DIS PH NOT TO EXCD INTK NOT MORE THAN 3 CONDENS MAY DIS FREE CL AT ANY TIME, OR MORE THAN 30MIN

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME P.S.E. & G SALEM GENERATING
 ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101
 FACILITY _____
 LOCATION LOWER ALLOWAYS CREEK

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

(2-16) NJ0005622 I 482
 PERMIT NUMBER DISCHARGE NUMBER

GP AT ME
 17 2 1

MONITORING PERIOD							
FROM	79	03	01	TO	79	03	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

DELAWARE RIVER
 COOLING WATER

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 (39-45)			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					
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		* * * *	* * * *	DEG. C	1.6	7.0	13.1				Cont	N/A	
		* * * *	* * * *		* * * *	* * * *	* * * *				CONT	*	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		* * * *	* * * *	DEG. C	4.4	16.5	28.3		0	Cont	N/A		
		* * * *	* * * *		* * * *	* * * *	46.00			CONT	*		
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		* * * *	* * * *	DEG C	0	9.5	20.9		26	Cont	N/A		
		* * * *	* * * *		* * * *	* * * *	15.30			*	*		
00400 1 PH		* * * *	* * * *	SU	6.90	7.10	7.69		0	2/7	Gr		
		* * * *	* * * *		6.00	* * * *	9.00			2/7	GR		
00400 2 PH		* * * *	* * * *	SU	6.80	6.93	7.51			2/7	Gr		
		* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR		
50050 1 FLOW		* * * *	* * * *	MGD	0	392.8	532.8			Calc	N/A		
		* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*		
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		* * * *	* * * *	KG/DAY	0	0	0		0	Cont	N/A		
		* * * *	* * * *		* * * *	0.20	0.50			CONT	*		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Schneider, F. W. V. P. - Production TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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 <i>F. W. Schneider</i>	609	365-7000	79	04

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DISC 482 IS COND COOLING WATER. INTK PH LESS 6.0 DIS PH NOT LESS. INTK PH GRTR 9.0, DIS PH NOT GRTR. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

NAME **P.S.E. & G SALEM GENERATING**
 ADDRESS **80 PARK PLACE ROOM B317**
NEWARK
NJ 07101

NJ0005622
 PERMIT NUMBER

I 483
 DISCHARGE NUMBER

GP AT MI
 17 2 1

FACILITY
 LOCATION **LOWER ALLOWAYS CREEK**

MONITORING PERIOD
 FROM **79 03 01** TO **79 03 31**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-51)			(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			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *	DEG. C	1.8	7.1	20.5		Cont	N/A	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	DEG. C	10.9	19.4	36.1	0	Cont	N/A	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00		CONT	*	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *	DEG C	.7	12.3	26.5	210	Cont	N/A	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30		*	*	
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	SU	6.90	7.10	7.69	0	2/7	Gr	
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00		2/7	GR	
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *	SU	6.80	6.93	7.51		2/7	Gr	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		2/7	GR	
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	MGD	0	290.7	510.6		Calc	N/A	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*	
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0	0	0	0	Cont	N/A	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L	CONT	*	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
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F. W. Schneider
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 365-7000
 AREA CODE NUMBER
 DATE
79 04 20
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DISCH 483 IS COND COOLING WATER. INTAKE PH LESS 6.0 DIS PH NOT LESS. INT PH 6RTR 9.0 DIS PH NOT 6RTR. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREECL AT ANY TIME & NOT MORE THAN 30 MIN EACH TIME

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

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

NAME P.S.E. & G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

NJ0005622
PERMIT NUMBER

I 484
DISCHARGE NUMBER

GP AT MI
17 2 1

FACILITY
LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD
FROM 79 03 01 TO 79 03 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER
COOLING WATER

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			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *	DEG. C	NO DISCHARGE OCCURRED DURING THIS REPORT PERIOD.						
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	DEG. C							
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *	DEG. C							
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *	SU							
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *	SU							
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *	MGD							
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY							
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L		CONT	NA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
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F. W. Schneider
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 365-7000
AREA CODE NUMBER
DATE
79 04 20
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DIS 484 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSERS MAY DISCH TOT. R FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME P.S.E.& G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

(2-16) NJ0005622 I (17-19) 485
PERMIT NUMBER DISCHARGE NUMBER

GP AT MI
17 2 I

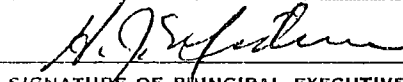
FACILITY LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD
FROM 79 03 01 TO 79 03 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
YEAR MO DAY YEAR MO DAY

DELAWARE RIVER
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) 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			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		*****	*****	NO DISCHARGE OCCURRED DURING THIS REPORT PERIOD.							
		*****	*****	DEG.C	*****	*****	*****		CONT	*	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****	DEG.C	*****	*****	46.00		CONT	*	
		*****	*****	DEG C	*****	*****	15.30		*	*	
00400 1 PH EFFLUENT GROSS		*****	*****	SU	6.00	*****	9.00		2/7	GR	
		*****	*****	SU	*****	*****	*****		2/7	GR	
00400 2 PH INFLUENT		*****	*****	SU	*****	*****	*****		2/7	GR	
		*****	*****	MGD	*****	*****	*****		CONT	*	
50050 1 FLOW EFFLUENT GROSS		*****	*****	KG/DAY	*****	0.20	0.50	MG/L	CONT	NA	
		*****	*****	KG/DAY	*****	0.20	0.50	MG/L	CONT	NA	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Schneider, F. W.</u> <u>V. P. - Production</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and for maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE		DATE		
			609	365-7000	79	04	20
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DIS 485 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MD RE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

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

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

NAME P.S.E. & G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

NJ0005622
PERMIT NUMBER

I 486
DISCHARGE NUMBER

GP AT MI
17 2 I

FACILITY
LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
79	03	01	79	03	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DELAWARE RIVER
COOLING WATER

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 (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			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		*****	*****	NO DISCHARGE OCCURRED DURING THIS REPORT PERIOD.							
	SAMPLE MEASUREMENT	*****	*****	DEG.C							
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****	DEG.C							
	SAMPLE MEASUREMENT	*****	*****		*****	*****	46.00			CONT	*
	PERMIT REQUIREMENT	*****	*****		*****	*****					
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		*****	*****	DEG C							
	SAMPLE MEASUREMENT	*****	*****		*****	*****	15.50			*	*
	PERMIT REQUIREMENT	*****	*****		*****	*****					
00400 1 PH		*****	*****	SU							
	SAMPLE MEASUREMENT	*****	*****		6.00	*****	9.00			2/7	GR
	PERMIT REQUIREMENT	*****	*****			*****					
00400 2 PH		*****	*****	SU							
	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****			2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****					
50050 1 FLOW		*****	*****	MGD							
	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****			CONT	*
	PERMIT REQUIREMENT	*****	*****		*****	*****					
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		*****	*****	KG/DAY							
	SAMPLE MEASUREMENT	*****	*****		*****	0.20	0.50	MG/L		CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
TYPED OR PRINTED

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F. W. Schneider
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	365-7000	79	04	20
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DIS 486 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

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

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

NAME P.S.E. & G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

NJ0005622
PERMIT NUMBER

F 48C
DISCHARGE NUMBER

GP AT MI
17 2 I

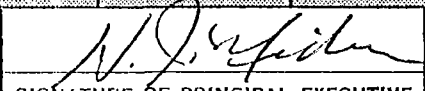
FACILITY
LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD
FROM 79 03 01 TO 79 03 31
YEAR MO DAY YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER

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 (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	20.4	20.4	KG/DAY	49.0	49.0	49.0	MG/L	1	1/30	24
	PERMIT REQUIREMENT	27.80	185.00		***	30.00	100.00				
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	1.25	1.25	KG/DAY	3.0	3.0	3.0	MG/L	0	1/30	Gr
	PERMIT REQUIREMENT	13.90	37.00		***	15.00	20.00				
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	0.02	0.02	KG/DAY	<0.05	<0.05	<0.05	MG/L		1/30	Gr
	PERMIT REQUIREMENT	***	***		***	***	***				
01042 4 COPPER, TOTAL (AS CU) EFFLUENT NET	SAMPLE MEASUREMENT	0.01	0.01	KG/DAY	0.03	0.03	0.03	MG/L	0	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		***	1.00	1.00				
01045 4 IRON, TOTAL (AS FE) EFFLUENT NET	SAMPLE MEASUREMENT	0.33	0.33	KG/DAY	0.80	0.80	0.80	MG/L	0	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		***	1.00	1.00				
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***	MGD	0.11	0.11	0.11			Est.	N/A
	PERMIT REQUIREMENT	***	***		***	***	***				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Schneider, F. W.</u> <u>V. P. - Production</u> TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be 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	365-7000	79	04	20

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. 158-R0073

NAME **P.S.E. & G SALEM GENERATING**
 ADDRESS **80 PARK PLACE ROOM 8317**
NEWARK
NJ 07101

NJ0005622
 PERMIT NUMBER

87A
 DISCHARGE NUMBER

GP AT MI
 17 2 I

FACILITY
 LOCATION **LOWER ALLOWAYS CREEK**

MONITORING PERIOD
 FROM **79 03 01** TO **79 03 31**
 YEAR MO DAY YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER

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			
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET		11.24	11.24	KG/DAY	297	297	297	2	1/30	24
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	24
00550 4 OIL AND GREASE EFFLUENT NET		0.04	0.04	KG/DAY	1.0	1.0	1.0	0	1/30	Gr
	PERMIT REQUIREMENT	*****	*****		*****	15.00	20.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS		<0.01	<0.01	KG/DAY	<0.05	<0.05	<0.05		1/30	Gr
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
50050 1 FLOW EFFLUENT GROSS		*****	*****	MGD	0.01	0.01	0.01		Est.	N/A
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	NA
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
 TYPED OR PRINTED

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F. W. Schneider
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 365-7000
 AREA CODE NUMBER
 DATE
79 04 20
 YEAR MO DAY

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

DIS 87A IS 487A

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

GP AT MI
17 2 I

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

NAME P.S.E. & G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

(2-16)
NJ0005622
PERMIT NUMBER

(17-19)
F 488
DISCHARGE NUMBER

FACILITY LOWER ALLOWAYS CREEK
LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD							
FROM	79	03	01	TO	79	03	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

DELAWARE RIVER

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)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT 203 PERMIT REQUIREMENT *****	203	203	KG/DAY	215	215	215	MG/L	2	1/30	24
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT 1.23 PERMIT REQUIREMENT *****	1.23	1.23	KG/DAY	1.3	1.3	1.3	MG/L	0	1/30	Gr
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT <0.05 PERMIT REQUIREMENT *****	<0.05	<0.05	KG/DAY	<0.05	<0.05	<0.05	MG/L		1/30	Gr
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****			MGD	0.25	0.25	0.25			Est.	N/A
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
TYPED OR PRINTED

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F. W. Schneider
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 365-7000
AREA CODE NUMBER

DATE
79 04 20
YEAR MO DAY

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

NAME P.S.E. & G SALEM GENERATING
 ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

NJ0005622
 PERMIT NUMBER

F 89A
 DISCHARGE NUMBER

GP AT ME
 17 2 I

FACILITY _____
 LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD
 FROM 79 03 01 TO 79 03 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER

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 (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			
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	5.90	5.90	KG/DAY	78.0	78.0	78.0	MG/L	1	1/30	24
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00			1/30	24
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	0.52	0.52	KG/DAY	6.9	6.9	6.9	MG/L	0	1/30	Gr
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	15.00	20.00			1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	0.02	0.02	KG/DAY	0.30	0.30	0.30	MG/L		1/30	Gr
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		* * * *	1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	MGD	0.02	0.02	0.02			Est.	N/A
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		* * * *	1/30	NA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
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F. W. Schneider
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 365-7000
 DATE 79 04 20
AREA CODE NUMBER YEAR MO DAY

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

DIS 89A IS 489A

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

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

Form Approved
OMB No. 158-R0073

NAME P.S.E. & G SALEM GENERATING
ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101

NJ0005622
PERMIT NUMBER

F 87B
DISCHARGE NUMBER

GP AT MI
17 2 1

FACILITY LOWER ALLOWAYS CREEK
LOCATION LOWER ALLOWAYS CREEK

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
79	03	01	79	03	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DELAWARE RIVER

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	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS		*****	*****	GPD	600	2000	11300			31/31	31 day Comp
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			*	*
00310 1 BOD, 5-DAY, 20 DEG. C. EFFLUENT GROSS		.23	.23	KG/DAY	30.00	30.00	30.00	0	1/30	Gr	
	PERMIT REQUIREMENT	*****	*****		*****	30.00	45.00		1/30	GR	
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS		.21	.21	KG/DAY	27.2	27.2	27.2		1/30	24	
	PERMIT REQUIREMENT	*****	*****		*****	30.00	45.00		1/30	24	
74055 1 COLIFORM-FECAL EFFLUENT GROSS		*****	*****		0	0	0		1/30	Gr	
	PERMIT REQUIREMENT	*****	*****		*****	200.00	400.00	N/100ML	1/30	GR	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Schneider, F. W.
V. P. - Production
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F. W. Schneider
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	365-7000	79	04	20
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DIS 87B IS DISCHARGE 487B. AVERAGE VALUE IS 30 DAY DAILY AVE, MAX VAL IS 7 DAY DAILY AVE (TSS, BOD5). DISCHARGE MONITOR PRIOR TO COMB WITH DIS 487. FLOW MEAS CONT FOR CONT DIS, 1/30 FOR INTERMITTENT DISCH.

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME P.S.E. & G SALEM GENERATING
 ADDRESS 80 PARK PLACE ROOM 8317
NEWARK
NJ 07101
 FACILITY _____
 LOCATION LOWER ALLOWAYS CREEK

NJ0005622
 PERMIT NUMBER

FAC
 DISCHARGE NUMBER

GP AT MI
 17 2 I

MONITORING PERIOD
 FROM 79 03 01 TO 79 03 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
YEAR MO DAY YEAR MO DAY

DELAWARE RIVER

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 (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			
00015 4 HEAT MILLIONS OF BTU'S PER HR NET EFFLUENT NET		* * * *	* * * *	MBTUHR	0	9200.00	13100.00		0	Calc	N/A
		* * * *	* * * *		* * * *	* * * *	16300.00		*	*	

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TELEPHONE
609 365-7000
 AREA CODE NUMBER
 DATE
79 04 20
 YEAR MO DAY

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

TOTAL OF DISCH 481,482,483,484,485,486