

NATIONAL POLLUTANT DISCHARGE ELIMINATION ACT  
DISCHARGE MONITORING REPORT (DMR)

PERMIT NO. MC/ADDRESS (Include Facility Name) Location of discharge  
GEN - ENV - AFF  
P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
SALEM GENERATING STATION  
LOWER ALLOWAYS CREEK

NJ0005622  
PERMIT NUMBER  
481  
DISCHARGE NUMBER  
MONITORING PERIOD  
FROM 81 07 01 TO 81 07 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 (12-17)	X	QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-17)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-69)
		AVERAGE (11 and 12 only) (46-51)	MAXIMUM (54-61)	UNITS	MINIMUM (4 and 12 only) (58-65)	AVERAGE (46-51)	MAXIMUM (54-61)	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		24.20	26.70	30.30	DEG. C		Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		26.70	35.20	41.10	DEG. C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	8.50	13.20	DEG. C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	*****	*****		7.20	7.30	7.40	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	
00400 2 PH	SAMPLE MEASUREMENT	*****	*****		7.40	7.50	7.60	SU		2/7	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00	434.3	532.80	MGD		Calc	
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		NA	NA	MG/L		NA	
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50			CONT	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
F.W. Schneider VP. Prod.  
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  
*F. Schneider*

TELEPHONE  
609 365-7000  
AREA CODE NUMBER

DATE  
81 08 14  
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 GREAT R THAN 9.0, DIS PH NOT TO EXCD INTK NOT MORE THAN 3 CONDENS MAY DIS FREE CL AT ANY TIME, OR MORE THAN 30 MI

B109080067 810814  
PDR ADOCK 05000272

GEN MGR ENV AFF

P.S.E. &amp; C.

10000 PLAZA-ROOM 8317

NEWARK NJ 07101

SALEM GENERATING STATION

LOWER ALLOWAYS CREEK

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

(2-18)

(17-19)

NJ0005622

PERMIT NUMBER

I

482

DISCHARGE NUMBER

## MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
81	07	01		81	07	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	QUANTITY OR LOADING (34-41)			QUALITY OR CONCENTRATION (44-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (40-43)	MAXIMUM (44-47)	UNITS (48-51)	MINIMUM (52-55)	AVERAGE (56-59)	MAXIMUM (60-63)	UNITS (64-67)			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		24.40	26.90	36.30	DEG. C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		26.70	35.50	39.90	DEG. C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	8.60	13.50	DEG C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	*****	*****		7.20	7.30	7.40	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	*****	*****		7.40	7.50	7.60	SU		2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00	413.20	532.80	MGD		Calc	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		NA	NA	MG/L	NA		NA
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50			CONT	*
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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. § 1318 (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	
F.W. Schneider V.P. Prod.								609 365-7000		81 08 14	
TYPED OR PRINTED								AREA CODE		NUMBER	

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

2 12

PAGE OF

MITTEE NAME/ADDRESS  
GEN MGR-ENV AFF  
P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
SALEM GENERATING STATION  
LOWER ALLOWAYS CREEK

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

(1-16) NJ0005622  
PERMIT NUMBER  
(17-19) 483  
DISCHARGE NUMBER  
MONITORING PERIOD  
FROM 81 07 01 TO 81 07 31  
(18-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER  
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (12-37)	X	QUANTITY OR LOADING (31 and Only) (46-53)			QUALITY OR CONCENTRATION (41 and Only) (46-53)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		24.50	27.50	30.10	DEG.C		Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		26.70	36.00	41.90	DEG.C	0	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	8.40	15.80	DEG C	1	Cont	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		7.20	7.30	7.40	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****		7.40	7.50	7.60	SU		2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	369.50	532.80	MGD		Calc	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		NA	NA	MG/L	NA		NA
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50			CONT	*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

F.W. Schneider V.P. Prod.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 365-7000

AREA CODE

NUMBER

DATE

81 08 14

YEAR NO 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. INTPH 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

3 12

PAGE OF

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)



MITTEE NAME/ADDRESS  
City Name/Location if different

ME GEN MGR-ENV AFF  
ADDRESS P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
CITY SALEM GENERATING STATION  
LOCATION LOWER ALLOWAYS CREEK

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

NJ0005622

PERMIT NUMBER

1

484

DISCHARGE NUMBER

Form Approved  
OMB No. 158-R0073

GP AT MI  
17 2 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
81	07	01	81	07	31
(28-31)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DELAWARE RIVER  
COOLING WATER

NOTE: Read instructions before completing this form.

LOCATION LOWER ALLOWAYS CREEK												
PARAMETER (32-37)	<div></div>	QUANTITY OR LOADING (14-17)			QUALITY OR CONCENTRATION (46-51)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE (33-34)	MAXIMUM (35-36)	UNITS (38-40)	MINIMUM (47-48)	AVERAGE (49-50)	MAXIMUM (51-52)	UNITS (53-55)				
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		24.20	36.50	48.80	DEG.C		CONT	NA	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		26.70	33.90	41.00	DEG.C	0	CONT	NA	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		1.10	6.60	14.30	DEG C	0	CONT	NA	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*	
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.20	7.30	7.40	SU	0	2/7	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR	
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.40	7.50	7.60	SU		2/7	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR	
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	279.30	532.80	MGD		Calc	NA	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*	
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY		NA	NA	MG/L		NA	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50			CONT	NA	
										TELEPHONE	DATE	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

F.W. Schneider V.P. Prod.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609  
AREA CODE

365-7000  
NUMBER

81 08 14  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
DIS 484 IS CONDENSER COOLING WATER. INTK PH LESS 6.C, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSORS MAY DISCH TOT. R FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

MITTEE NAME/ADDRESS  
GEN MGR-ENV AFF  
P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
SALEM GENERATING STATION  
LOWER ALLOWAYS CREEK

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

NJ0005622

PERMIT NUMBER

485

DISCHARGE NUMBER

Form Approved  
OMB No. 154-R0073

GP AT MI  
17 2 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
81	07	01	81	07	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)		QUANTITY OR LOADING (34-35)			QUALITY OR CONCENTRATION (34-35)				NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-47)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		24.50	26.90	29.10	DEG.C		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		25.70	31.40	38.80	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	4.50	10.60	DEG C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		7.20	7.30	7.40	SU	0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		7.40	7.50	7.60	SU		2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	228.80	532.80	MGD		Calc	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY		NA	NA	MG/L	NA	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50			CONT	NA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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H. J. Schneider  
SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 365-7000

81 08 14  
YEAR MO DAY

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 MORE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME.

5 12  
PAGE OF

MITTEE NAME/ADDRESS (Include  
City Name) Location if different

ME GEN MGR-ENV AFF  
ADDRESS P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
CITY SALEM GENERATING STATION  
LOCATION LOWER ALLOWAYS CREEK

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

Form Approved  
OMB No. 158-R0073

GP AT MI  
17 2 1


(12-16)  
N. J005622  
PERMIT NUMBER

(17-19)  
486  
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
81	07	01	81	07	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)		QUANTITY OR LOADING (38-41)			QUALITY OR CONCENTRATION (42-45)				NO. EX (46-47)	FREQUENCY OF ANALYSIS (48-51)	SAMPLE TYPE (52-55)
		AVERAGE (38-39)	MAXIMUM (40-41)	UNITS (42)	MINIMUM (43-44)	AVERAGE (45-46)	MAXIMUM (47-48)	UNITS (49-51)			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		24.50	26.70	28.90	DEG. C		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		25.90	31.60	39.80	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		0.10	4.90	11.60	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30				*
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.20	7.30	7.40	SU	0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.40	7.50	7.60	SU		2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	261.00	532.80	MGD		Calc	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY		NA	NA	MG/L	NA	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50			CONT	NA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
F. W. Schneider V.P. Prod.  
WITNESSED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE  
609 365-7000  
AREA CODE NUMBER  
DATE  
81 08 14  
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 MO RE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME



GEN. MGMT. ENV. AFF.

P.S.E. & C.

80 PARK PLACE-ROOM 8317

NEWARK NJ 07101

SALEM GENERATING STATION

LOWER ALLOWAYS CREEK

LOCATION

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

NJ0005627

PERMIT NUMBER

I

FAC

DISCHARGE NUMBER

MONITORING PERIOD

FROM 81 07 01 TO 81 07 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	QUANTITY OR LOADING (33 and Only) (46-53)			QUALITY OR CONCENTRATION (44 and Only) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
00015 4 HEAT MILLIONS CF BTU'S PER HR NET EFFLUENT NET		SAMPLE MEASUREMENT	*****	*****		0.00	16,600.00	26,400.00	MBTUHR	1	Calc	NA
		PERMIT REQUIREMENT	*****	*****		*****	*****	16300.00			*	*
		SAMPLE MEASUREMENT										
		PERMIT REQUIREMENT										
		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

F.W. Schneider V.P. Prod.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

609 365-7000

AREA CODE NUMBER

DATE

81 08 14

YEAR MO DAY

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

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

\*Exception due to combined Station Heat Release of Units 1 & 2. Individual Heat Releases below Max Limit.

7 12

PAGE OF

NAME	GEN MGT ENV AFF
ADDRESS	P.S.E. & G. 80 PARK PLACE-ROOM 8317 NEWARK NJ 07101
FACILITY	SALEM GENERATING STATION
LOCATION	LOWER ALLOWAYS CREEK

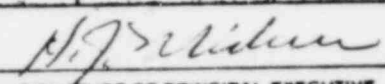
NJ0005622		F	89A
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	YEAR
81	07	01	81
(20-21)	(22-23)	(24-25)	(26-27)
FROM		TO	
81 07 01		81 07 31	
(20-21)		(26-27)	

DELAWARE RIVER

 GP AT MI  
17 2 1

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (33-37) (46-51)			QUALITY OR CONCENTRATION (38-45) (46-51) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (67-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*				*				1/30	24
	PERMIT REQUIREMENT	*****	*****	KG/DAY	*****	30.00	100.00	MG/L		1/30	24
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****	KG/DAY		3.35		MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****	KG/DAY	*****	15.00	20.00	MG/L		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		0.83		MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****	KG/DAY	*****	*****	*****	MG/L		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****			0.02		MGD		EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD		1/30	NA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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		
F.W. Schneider V.P. Prod.			609	365-7000	81	8	14
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

DIS 89A IS 489A

\* Sample bottle broken in shipment to Energy Lab for Analysis.

8 12

PAGE OF



NAME GEN MG ENV AFF  
 ADDRESS P.S.E. & G.  
 80 PARK PLACE-ROOM 8317  
 NEWARK NJ 07101  
 FACILITY SALEM GENERATING STATION  
 LOCATION LOWER ALLOWAYS CREEK

 (17-18)  
 NJ0005622  
 PERMIT NUMBER  
 F 48C  
 DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM YEAR 81 MO 07 DAY 01 TO YEAR 81 MO 07 DAY 31  
 (28-31) (32-31) (34-31) (34-31) (38-31) (38-31)

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-51)			QUALITY OR CONCENTRATION (56-61)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-69)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (52-55)	MINIMUM (56-63)	AVERAGE (64-71)	MAXIMUM (72-79)				
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*		MG/L			24
	PERMIT REQUIREMENT	27.80	185.00		*****	30.00	100.00			1/30	24
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*		MG/L			GR
	PERMIT REQUIREMENT	13.90	37.60		*****	15.00	20.00			1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		0.43		MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
01042 4 COPPER, TOTAL (AS CU) EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*		MG/L			24
	PERMIT REQUIREMENT	1.85	1.85		*****	1.00	1.00			1/30	24
01045 4 IRON, TOTAL (AS FE) EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*		MG/L			24
	PERMIT REQUIREMENT	1.85	1.85		*****	1.00	1.00			1/30	24
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****			0.36		MGD			NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CUNT	NA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

F.W. Schneider V.P. Prod.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

 609 365-7000 81 08 14  
 AREA CODE NUMBER YEAR MO DAY

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

\* Sample bottles broken in shipment to Energy Lab for analysis.

MITTEE NAME/ADDRESS  
GEN MGR-ENV AFF  
P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
SALEM GENERATING STATION  
LOWER ALLOWAYS CREEK

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

NJ0005622

PERMIT NUMBER

F 488

DISCHARGE NUMBER

Form Approved  
OMB No. 158-R0025

GP AT MI  
17 2 1

DELAWARE RIVER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 81	07	01	TO 81	07	31
(20-21)	(12-21)	(1-4-21)	(20-21)	(12-21)	(10-31)

NOTE: Read instructions before completing this form.

PARAMETER (12-17)		QUANTITY OR LOADING (14-15)			QUALITY OR CONCENTRATION (16-17)			NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-50)
		AVERAGE (14-15)	MAXIMUM (14-15)	UNITS (14-15)	MINIMUM (16-17)	AVERAGE (16-17)	MAXIMUM (16-17)			
00530 4 SCLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*			1/30	24
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	24
00550 5 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****	KG/DAY		*			1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	15.00	20.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		1.35			1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****			0.03			EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	NA
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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		
F.W. Schneider V.P. Prod.			609	365-7000	81	08	14
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

\*Sample bottle broken in shipment to Energy Lab for Analysis.

NAME GEN MGR NY AFF  
ADDRESS P.S.E. & G.  
80 PARK PLACE-ROOM 8317  
NEWARK NJ 07101  
CITY SALEM GENERATING STATION  
CATION LOWER ALLOWAYS CREEK

(17-19) 87A  
DISCHARGE NUMBER  
NJ0005622  
PERMIT NUMBER  
MONITORING PERIOD  
FROM 81 07 01 TO 81 07 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER

GP AT #1  
17 2 1

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-51)			QUALITY OR CONCENTRATION (52-57)				NO. EX (63-65)	FREQUENCY OF ANALYSIS (66-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-47)	MAXIMUM (48-49)	UNITS (50-51)	MINIMUM (52-53)	AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)			
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*		KG/DAY		*		MG/L		1/30	
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00			1/30	24
00550 4 OIL AND GREASE	SAMPLE MEASUREMENT	*****	*****	KG/DAY		3.25		MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	15.00	20.00			1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		0.71		MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	R
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****			0.01		MGD		EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	NA
EFFLUENT GROSS	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
F.W. Schneider V.P. Prod.  
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
TELEPHONE 609 365-7000  
DATE 81 08 14  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
DIS 87A IS 48rA

\* Sample bottle broken in shipment to Energy Lab for Analysis.



FACILITY NAME/ADDRESS (Include name of owner if different)

GEN HGR-B AFF

P.S.E. &amp; G.

50 PARK PLACE-ROOM 8317

NEWARK NJ 07101

SALEM GENERATING STATION

LOWER ALLOWAYS CREEK

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)Form Approved  
OMB No. 158-R-0073AT MI  
17 2 1

NJ0005622

PERMIT NUMBER

F

87B

DISCHARGE NUMBER

## MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
81	07	01	81	07	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	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
056 I FLOW RATE (GALLONS PER DAY) FLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *			3,250.00	16690.00		Calc	24
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		*	*
057 I 5-DAY, DEG. C. FLUENT GROSS	SAMPLE MEASUREMENT	0.33	0.38	KG/DAY	18.00	26.50	31.00	0	4/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	45.00		1/30	GR
058 I TOTAL SPENDED FLUENT GROSS	SAMPLE MEASUREMENT	0.11	0.17	KG/DAY	3.00	8.50	14.00	0	2/30	24
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	45.00		1/30	24
059 I UNIFORM-FECAL FLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	840.00	3360.00	2	4/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	200.00	400.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

W. Schneider V.P. Prod.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609  
AREA  
CODE365-7000  
NUMBER81  
YEAR08  
MO14  
DAY

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

IS 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 DIS487. FLOW MEAS CONT FOR CONT DIS, 1/30 FOR INTERMITTENT DISCH.

12 12  
PAGE OF