

SEE NAME/ADDRESS (Include me) Location (if different)

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

OMB No. 158-R0073

GP AT M
17 2

R 8203050279 820219 PDR ADDCK 05000272 PDR

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

NJ0005622 I 481
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	01	01	82	01	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 (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TO 2 TEMPERATURE, WATER CENTIGRADE EFFLUENT		***	***		2.80	3.30	4.10	DEG.C		CONT	NA
		***	***		***	***	***			CONT	*
TO 1 TEMPERATURE, WATER DEG.CENTIGRADE EFFLUENT GROSS		***	***		3.10	6.90	9.30	DEG.C	0	CONT	N
		***	***		***	***	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		***	***		0.20	3.60	5.60	DEG C	0	CONT	NA
		***	***		***	***	15.30			*	*
00400 1 PH EFFLUENT GROSS		***	***		NA		NA	SU		2/7	GR
		***	***		6.00	***	9.00			2/7	GR
00400 2 PH INFLUENT		***	***					SU		2/7	GR
		***	***		***	***	***			2/7	GR
50050 1 FLOW EFFLUENT GROSS		***	***		0.00	19.70	532.80	MGD		CALC	N
		***	***		***	***	***			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		***	***	KG/DAY		NA	NA	MG/L		CALC	GR
		***	***		***	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. § 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			
H. J. Midura			609 365-7000	82	02	19	
TYPED OR PRINTED			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)

DISCHARGE MONITORING REPORT (DMR)

UMD 170.120 - 10017

NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

(2-16) NJ0005622 PERMIT NUMBER
 (17-19) 481 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 82 01 01 TO 82 01 31
 YEAR MO DAY YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP. AT MI
17 2 1

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			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****			MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****			MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	NA	NA	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	NA	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: H. J. Midura
 TYPED OR PRINTED: H. J. Midura
 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: H. J. Midura
 TELEPHONE: 609 365-7000
 DATE: 82 02 19
 AREA CODE: 609 NUMBER: 365-7000 YEAR: 82 MO: 02 DAY: 19

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

OUT OF SERVICE 1/2/82 thru 1/31/82

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

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

Form approved OMB No. 158-R-0073

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

(2-16) NJ0005622 PERMIT NUMBER
 (17-19) 482 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 82 01 01 TO 82 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP AT M
17 2

DELAWARE RIVER COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (44-51)			(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	*****	*****		2.90	3.40	4.20	DEG.C		CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		3.30	5.80	8.60	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	2.40	5.10	DEG C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		NA		NA			2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****							2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	SU		2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	26.90	532.80			CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD		CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY		NA	NA			CALC	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50	MG/L		CONT	*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: H. J. Midura
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 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: H. J. Midura
 TELEPHONE: 609 365-7000
 DATE: 82 02 19

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 MOR THAN 3 COND MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

OUT OF SERVICE 1/2/82 thru 1/31/82

NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

(2-16)
 NJ0005622
 PERMIT NUMBER

(17-19)
 482
 DISCHARGE NUMBER

GP. AT MI
 17 2 1

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
82	01	01	82	01	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 (34-61)			(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)			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS		*****	*****		*****			MG/L	1/30	GR
		*****	*****		*****	*****	*****		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE		*****	*****		*****			MG/L	1/30	GR
		*****	*****		*****	*****	*****		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET		*****	*****		*****	NA	NA	MG/L	1/30	GR
		*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS		*****	*****		*****	*****		MG/L	1/30	GR
		*****	*****		*****	*****	*****		1/30	GR
00550 B OIL AND GREASE STREAM INTAKE		*****	*****		*****	*****		MG/L	1/30	GR
		*****	*****		*****	*****	*****		1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET		*****	*****		*****	*****	NA	MG/L	1/30	GR
		*****	*****		*****	*****	10.00		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. Midura
 TYPED OR PRINTED

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

TELEPHONE		DATE		
609	365-7000	82	02	19
AREA CODE	NUMBER	YEAR	MO	DAY

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

OUT OF SERVICE 1/2/82 thru 1/31/82

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

NAME **GEN. MGR. ENV. AFF.**
 ADDRESS **P.S.E. & G. 80 PARK PLACE-ROOM 8317 NEWARK NJ 07101**
 FACILITY **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 M 17 2 1

(2-16) **NJ0005622** I **483**
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
82	01	01	TO	82	01	31
(28-31)	(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 (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		*****	*****		3.40	3.90	4.70		CONT	NA
		*****	*****		*****	*****	*****		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****		3.30	8.40	11.40	0	CONT	NA
		*****	*****		*****	*****	46.00		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		*****	*****		0.00	4.50	7.20	0	CONT	NA
		*****	*****		*****	*****	15.30		*	*
00400 1 PH EFFLUENT GROSS		*****	*****		NA		NA		2/7	GR
		*****	*****		6.00	*****	9.00		2/7	GR
00400 2 PH INFLUENT		*****	*****		*****	*****	*****		2/7	GR
		*****	*****		*****	*****	*****		2/7	GR
50050 1 FLOW EFFLUENT GROSS		*****	*****		0.00	19.30	532.80		CALC	NA
		*****	*****		*****	*****	*****		CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		*****	*****	KG/DAY		NA	NA		CALC	GR
		*****	*****		*****	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. § 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		
H. J. Midura TYPED OR PRINTED			609 365-7000	82 02 19			

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

Facility Name / Location (if different)

NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

OMB No. 158 - R0073

NJ0005622
 PERMIT NUMBER

483
 DISCHARGE NUMBER

GP. AT MI
 17 2 1

MONITORING PERIOD							
FROM	82	01	01	TO	82	01	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) (54-61)			(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			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****				1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L	1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****				1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L	1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	NA	NA		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00	MG/L	1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****			1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L	1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****			1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L	1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	NA		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00	MG/L	1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. Midura
 TYPED OR PRINTED

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

TELEPHONE 609 365-7000
 DATE 82 02 19
 AREA CODE NUMBER YEAR MO DAY

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

OUT OF SERVICE 1/2/82 thru 1/31/82

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

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

OMB No. 158-R0073

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

NJ0005622
 PERMIT NUMBER

I 484
 DISCHARGE NUMBER

GP AT M 17 2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	01	01	82	01	31
(20-31)	(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 (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		0.00	1.30	9.90			CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	12.10	21.50		0	CONT	
	PERMIT REQUIREMENT	*****	*****		*****	*****	66.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.00	11.10	19.60		1	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.55	7.65	8.75		0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****		6.89	7.36	9.05			2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	307.20	532.80			CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	0.01	0.11	0.17		0	CALC	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50			CONT	NA

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.)	H. J. Midura	TELEPHONE		DATE		
H. J. Midura TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	609	365-7000	82	2
			AREA CODE	NUMBER	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 CONDENSORS MAY DISCH TOT. R FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME
 21 A Circulator out of service 7 consecutive days.

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

NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622 (17-19) 484
 PERMIT NUMBER DISCHARGE NUMBER

GP. AT MI
 17 2 1

MONITORING PERIOD
 FROM 82 01 01 TO 82 01 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) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-43)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS		***	***		***	9.06	9.06		1/30	GR
		***	***		***	***	***	MG/L	1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE		***	***		***	13.17	13.17		1/30	GR
		***	***		***	***	***	MG/L	1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET		***	***		***	0.00	0.00	0	1/30	GR
		***	***		***	30.00	100.00	MG/L	1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS		***	***		***	***	3.80		1/30	GR
		***	***		***	***	***	MG/L	1/30	GR
00550 B OIL AND GREASE STREAM INTAKE		***	***		***	***	2.90		1/30	GR
		***	***		***	***	***	MG/L	1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET		***	***		***	***	0.90	0	1/30	GR
		***	***		***	***	10.00	MG/L	1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H. J. Midura 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. 5 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 H. J. Midura	TELEPHONE		DATE		
			609 365-7000	82 2 19	AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Daily Max. (mg/l) Monthly Aver. (mg/l)
 SC-22 0.215 0.064
 BD-5 OUT OF SERVICE

ERMITTEE NAME/ADDRESS (include facility Name/Location if different)

NAME: GEN. MGR-ENV. AFF.
 ADDRESS: P.S.E. & G., 80 PARK PLACE-ROOM 8317, NEWARK, NJ 07101
 FACILITY: 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 I

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
82	01	01	TO	82	01	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 (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		*****	*****		0.00	2.50	15.30	DEG.C		CONT	NA
		*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****		3.80	10.60	20.60	DEG.C	0	CONT	●
		*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		*****	*****		0.70	8.20	17.70	DEG C	1	CONT	NA
		*****	*****		*****	*****	15.30			*	*
00400 1 PH EFFLUENT GROSS		*****	*****		6.50	7.65	8.75	SU		2/7	GR
		*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH INFLUENT		*****	*****		6.89	7.36	9.05	SU		2/7	GR
		*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW EFFLUENT GROSS		*****	*****		0.00	461.50	532.80	MGD		CALC	●
		*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		*****	*****	KG/DAY	0.01	0.09	0.14	MG/L	0	CALC	GR
		*****	*****		*****	0.20	0.50			CONT	NA

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			
H. J. Midura			609 365-7000	82	2	19	
TYPED OR PRINTED			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 SHORT SPIKE WHEN 22B CIRCULATOR REMOVED FROM SERVICE.

Facility Name / Location if different)

NAME * GEN. MGR. - ENV AFF
 ADDRESS PSE&G
P.O. BOX 570 10C
NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

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

GP. AT MI
 17 2 1

MONITORING PERIOD							
FROM	82	01	01	TO	82	01	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)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	86.48	86.48	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	13.17	13.17	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	73.31	73.31	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00	MG/L	1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	(2)	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.90	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	(2)	MG/L	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00	MG/L	1/30	GR
	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			
H. J. Midura			609 365-7000	82	02	19	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

SC-22 Daily Max. (mg/l) 0.215 Monthly Aver. (mg/l) 0.064 (1) TSS - Alternate sample point used in dead leg line off condenser- permanent sample point under evaluation.

BD-5 OUT OF SERVICE (2) O & G - Bottle broken in transit to Energy Lab 10

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

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

GP AT 1
 17 2

MONITORING PERIOD
 FROM 82 01 01 TO 82 01 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 (44-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-63)				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	*****	*****		0.00	0.00	3.10	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		3.60	13.90	21.50	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		4.70	14.30	23.10	DEG. C	1	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30			*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.50	7.43	8.64	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****		6.89	7.36	9.05	SU		2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	320.1	532.80	MGD		CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	0.01	0.11	0.17	MG/L	0	CALC	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50			CONT	NA

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 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
H. J. Midura			609 365-7000	82	2	19	
TYPED OR PRINTED			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

23A CIRCULATOR OUT OF SERVICE 17 CONSECUTIVE DAYS

Facility Name/Location if different)
 NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

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

GP. AT MI
 17 2 1

MONITORING PERIOD							
FROM	82	01	01	TO	82	01	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 (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****		****	14.90	14.90		1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****	MG/L	1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****	13.17	13.17		1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****	MG/L	1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****	1.73	1.73	0	1/30	GR
	PERMIT REQUIREMENT	****	****		****	30.00	100.00	MG/L	1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****		****	****	3.00		1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****	MG/L	1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****	****	2.90		1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****	MG/L	1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****	****	0.10	0	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	10.00	MG/L	1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H. J. Midura 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 3 years.)	TELEPHONE 609 365-7000	DATE			
			82	02	19	
	<i>H. J. Midura</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Daily Max. (mg/l) 0.215 Monthly Aver. (mg/l) 0.064
 SC-22 OUT OF SERVICE
 BD-5

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

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

DISCHARGE MONITORING REPORT (DMR)

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

OMB No. 158-R0973

GP AT M
17 2

MONITORING PERIOD
 FROM YEAR 82 MO 01 DAY 01 TO YEAR 82 MO 01 DAY 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 (44-51)			(4 Card Only) QUALITY OR CONCENTRATION (44-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00015 4 HEAT MILLIONS OF BTU'S PER HR NET EFFLUENT NET		*****	*****		0.00	7503.30	16812.00	MBTUHR	1	CALC	NA
		*****	*****		*****	*****	16300.00			*	*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: **H. J. Midura**
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 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: **H. J. Midura**
 TELEPHONE: **609 365-7000**
 DATE: **82 02 19**
 AREA CODE: **609** NUMBER: **365-7000** YEAR: **82** MO: **02** DAY: **19**

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
TOTAL OF DISCH 481,482,483,484,485,486

Due to temperature spike.

Facility Name/Location if different)
 AGENCY GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 LOC
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (D.M.R.)
 (2-16) (17-19)
 NJ0005622 48C
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 82 01 01 TO 82 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP. AT MI
 17 2 1

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 (62-65)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-79)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	4.80	8.36	KG/DAY	****	4.16	4.16	0	1/30	24
	PERMIT REQUIREMENT	27.80	185.00		****	30.00	100.00			
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	****	****	3.40	0	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	10.00			
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	****	****	<.45	0	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****			
01042 1 COPPER, TOTAL (AS CU) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.08	0.14	KG/DAY	****	0.07	0.07	0	1/30	24
	PERMIT REQUIREMENT	****	0.37		****	****	0.20			
01045 1 IRON, TOTAL (AS FE) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.33	0.58	KG/DAY	****	0.29	0.29	0	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		****	1.00	1.00			
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MGD	****	0.305	0.531		CONT	NA
	PERMIT REQUIREMENT	****	****		****	****	****			
00610 1 AMMONIA (AS N) EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	****	1.25	1.25	0	1/30	GR
	PERMIT REQUIREMENT	****	****		****	35.00	****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H. J. Midura 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 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT H. J. Midura	TELEPHONE		DATE		
			609	365-7000	82	02	19

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

Facility Name (Location if different)
NAME GEN. MGR. - ENV AFF
ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
FACILITY SALEM GENERATING STATION
LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

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

GP. AT MI
 17 2 1

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	82	01	01		82	01	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 (54-61)			NO. EX (62-69)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS		***	***		***	4730.00	7000.00		3	24
		***	***		***	***	***		*	NA
00310 1 BOD, 5-DAY, 20 DEG. C. EFFLUENT GROSS		1.45	3.05	KG/DAY	***	80.75	115.00		4/30	GR
		***	0.97		***	30.00	45.00		1/30	24
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS		0.17	0.56	KG/DAY	***	9.54	21.10		4/30	24
		***	***		***	30.00	100.00		1/30	24
74055 1 COLIFORM-FECAL EFFLUENT GROSS		***	***		***	0.00	0.00		4/30	GR
		***	***		***	200.00	400.00		1/30	GR
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS		***	***		***	***	13.00		4/30	GR
		***	***		***	***	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS		***	***		7.50	7.67	7.80		18/30	GR
		***	***		6.00	***	9.00		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H. J. Midura 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 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT H. J. Midura	TELEPHONE	DATE		
			609 365-7000 AREA CODE NUMBER	82	02	19

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DIS 87A IS DISCHARGE 487A. 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. THIS DISCHARGE IS FOR THE OLD x NEW SEWAGE TREATMENT PLANT. BOD Plant in over load condition due to greater number of people here for outage.

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

Facility Name/Location (if different)

NAME GEN. MGR. - ENV AFF
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

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

GP. AT MI
 17 2 1

MONITORING PERIOD							
FROM	82	01	01	TO	82	01	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 (31-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (60-61)	AVERAGE (62-63)	MAXIMUM (64-65)			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	0.00	0.00	KG/DAY	*****	0.00	0.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.70	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.45		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	0.01	0.01		EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	9.50	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		7.39	7.39	7.39	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00		1/30	GR
	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 3 years.)	H. J. Midura	TELEPHONE		DATE		
TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	609	365-7000	82	02
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA CODE	NUMBER	YEAR	MO	DAY	

Facility Name / Location if different)
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 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (2-16) (17-19)
 NJ0005622 489
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 82 01 01 TO 82 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP. AT MI
 17 2 1

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (34-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	0.01	0.01	KG/DAY	*****	0.17	0.17	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	1.10	1.10	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	10.00	10.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	(1)	(1)		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	0.02	0.02		EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	9.50	9.50	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	43.30	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.36	6.36	6.36	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. Midura
 TYPED OR PRINTED

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

TELEPHONE 609 365-7000
 DATE 82 02 19
 AREA CODE NUMBER YEAR MO DAY

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

(1)Pet Hydroc - sample broken in shipment to Energy Lab for analysis.