

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

Form Approved  
OMB No. 158-R0073

PERMITTEE NAME/ADDRESS (Include 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

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

TE HQ FILE COPY

GP, AT  
17 7

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
83	05	01	83	05	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) (46-51) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (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	*****	*****		14.50	19.40	20.20	DEG.C	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		14.70	27.50	33.30	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	8.10	14.10	DEG C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30		*		*
00400 1 PH	SAMPLE MEASUREMENT	*****	*****		6.80	7.20	7.60		0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	*****	*****		6.82	7.18	7.55		*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	SU		2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00	140.00	532.80		*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD		CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	0.01	0.01	0.01		0	CALC	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50	MG/L		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			
L. K. MILLER			609 935-6000	83	06	07	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
DIS 481 IS #11 CONDENSER. COOLING WATER. NOT MORE THAN 3 CONDENSERS MAY DISCHARGE TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MIN. EACH TIME.

B306280542 B30606  
PDR ADDCK 05000272  
PDR

GN

11/25

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) **481**  
 PERMIT NUMBER DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD							
FROM	83	05	01	TO	83	05	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)	SAMPLI TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****		****	490.00	490.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****	55.00	55.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****	435.00	435.00	MG/L	2	1/30	GR
	PERMIT REQUIREMENT	****	****		****	30.00	100.00			1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****		****	****	5.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****			1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****	****	5.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****	****	0.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L.K. MILLER  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 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>L.K. Miller</i>	TELEPHONE		DATE		
			609 935-6000	83	06	07	

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

GEN MGR ENV AFF  
 P.S.E. & G.  
 P.O. BOX 570 10C  
 NEWARK NJ 07101  
 FACILITY: SALEM GENERATING STATION  
 LOCATION: LOWER ALLOWAYS CREEK

(2-16) NJ00C5622 I 482  
 PERMIT NUMBER DISCHARGE NUMBER

GP. AT 17 7

MONITORING PERIOD  
 FROM 83 05 0 TO 83 05 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 (46-51)			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		*****	*****		14.500	18.60	20.10		CONT	NA
		*****	*****		*****	*****	*****		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****		14.70	25.10	30.30	0	CONT	NA
		*****	*****		*****	*****	46.00		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		*****	*****		0.20	6.50	11.10	0	CALC	NA
		*****	*****		*****	*****	15.30		*	*
00400 1 PH EFFLUENT GROSS		*****	*****		6.80	7.20	7.60	0	2/7	GR
		*****	*****		6.00	*****	9.00		2/7	GR
00400 2 PH INFLUENT		*****	*****		6.82	7.18	7.55	*	2/7	GR
		*****	*****		*****	*****	*****		2/7	GR
50050 1 FLOW EFFLUENT GROSS		*****	*****		0.00	190.50	532.80	*	CALC	NA
		*****	*****		*****	*****	*****		CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS		*****	*****	KG/DAY	0.01	0.01	0.08	0	CALC	NA
		*****	*****		*****	0.20	0.50		CONT	*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: L. K. MILLER  
 TYPED OR PRINTED: L. K. MILLER  
 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: L.K. Miller  
 TELEPHONE: 609 935-6000  
 DATE: 83 06 07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DISC 482 IS #12 COND COOLING WATER. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME.

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)  
 PERMIT NUMBER 482  
 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
83	05	01	83	05	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)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(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)	SAMPL TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	40.00	40.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	84.00	84.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	0.00	0.00	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	30.00	100.00			1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	5.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***			1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	***	5.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	***	0.00	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 L. K. MILLER  
 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.)

L. K. Miller  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 935-6000  
 DATE 83 06 07  
 AREA CODE NUMBER YEAR MO DAY

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

NAME: CGN HGR ENV AFF  
 ADDRESS: P.O. Box 570 10C  
 NEWARK NJ 07101  
 FACILITY: SALEM GENERATING STATION  
 LOCATION: LOWER ALLOWAYS CREEK

PERMIT NUMBER: NJ0005622  
 DISCHARGE NUMBER: 483

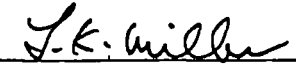
DELAWARE RIVER COOLING WATER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
83	05	01	83	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		***	***		14.90	19.40	20.70		CONT	NA
		***	***		***	***	***		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		***	***		15.00	26.40	32.10	0	CONT	NA
		***	***		***	***	46.00		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		***	***		0.10	7.00	12.30	0	CALC	NA
		***	***		***	***	15.30		*	*
00400 1 PH EFFLUENT GROSS		***	***		6.80	7.20	7.60	0	2/7	GR
		***	***		6.00	***	9.00		2/7	GR
00400 2 PH INFLUENT		***	***		6.82	7.18	7.55	*	2/7	GR
		***	***		***	***	***		2/7	GR
50050 1 FLOW EFFLUENT GROSS		***	***		0.00	160.40	532.80		CALC	NA
		***	***		***	***	***		CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS		***	***	KG/DAY	0.01	0.01	0.01	0	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			
L. K. MILLER			609 935-6000	83	06	07	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

DISCH 483 IS #13 COND COOLING WATER. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NO MORE THAN 30 MIN EACH TIME. Circulation out of service during sampling - No samples taken.

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 (2-17) 483  
 PERMIT NUMBER DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
83	05	01	83	05	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)	SAMPL TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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	***	***		***					1/30	GR
	PERMIT REQUIREMENT	***	***		***	30.00	100.00	MG/L		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***			*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	***			*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	***				1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00	MG/L		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER  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  <i>L.K. Miller</i>	TELEPHONE		DATE		
			609 935-6000	83 06 07	AREA CODE	NUMBER	YEAR

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

Circulation out of service during sampling - No samples taken.


**UNIT:** GEN-HGR-ENV-AFF  
**ADDRESS:** P.S.E. & G.  
 P. O. BOX 570 10C  
 NEWARK, NJ 07101  
**FACILITY:** SALEM GENERATING STATION  
**LOCATION:** LOWER ALLOWAYS CREEK

(2-18) NJ0005622 I (17-19) 484  
 PERMIT NUMBER DISCHARGE NUMBER  
**MONITORING PERIOD**  
 FROM YEAR 83 MO 05 DAY 01 TO YEAR 83 MO 05 DAY 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) (46-51) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAM TY (69)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *						*	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	DEG.C		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *							CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00	DEG.C		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *							CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30	DEG C	*		*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *							2/7	GI
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		2/7	G
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *						*	2/7	GI
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	SU		2/7	G
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						*	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.01	0.01	1.30		1	CALC	GI
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L		CONT	NA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER  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	
			609935-6000	83 06 0	AREA CODE	NUMBER

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

DIS 484 IS #21 CONDENSER COOLING WATER. NOT MORE THAN 3 CONDENSERS MAY DIS TOTAL OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME.  
No circulators operated during this report period.



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) 484 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD  
 FROM 83 05 01 TO 83 05 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)			NO. EX (62-65)	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	****	****		****	****	****		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****			*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****				1/30	GR
	PERMIT REQUIREMENT	****	****		****	30.00	100.00		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****		****	****		*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****		1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	****	****		****	****		*	1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	****		1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	****	****		****	****			1/30	GR
	PERMIT REQUIREMENT	****	****		****	****	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 L. K. MILLER  
 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 609 935-6000  
 DATE 83 06 07  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 No circulators operated during this report period.



Activity Name/Location Y or (rev) **GEN-MGR-ENV-AFF**  
 NAME **P.S.E. & G.**  
 ADDRESS **P.O. BOX 570, 10C**  
**NEWARK NJ 07101**  
 FACILITY **SALEM GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK**

DISCHARGE MONITORING REPORT (DMR)  
 (2-18) **NJ0005622** I (17-19) **485**  
 PERMIT NUMBER DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
**83 05 01 83 05 31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

OMB No. 158-R0073  
 GP AT  
 17 7

DELAWARE RIVER  
 COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (33-37)	X	(3 Card Only) (46-51) QUANTITY OR LOADING			(4 Card Only) (38-45) QUALITY OR CONCENTRATION			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	* * * *	* * * *						*	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *							CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *							CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30		*		*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *							2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *						*	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						*	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.01	0.01	0.71		1	CALC	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L		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.)	<i>L. K. Miller</i>	TELEPHONE	DATE			
L. K. MILLER			609 935-6000	83	06	07	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DIS 485 IS CONDENSER #22 COOLING WATER. NOT MORE THAN 3 COND MAY DIS TOTAL, OR FREE CHLORINE AT ANY TIME AND NOT MORE THAN 30 MINUTES EACH TIME.  
 No circulators operated during this report period.

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) 485 DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM 83 05 01 TO 83 05 31  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP. AT MI  
 17 7 1

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				UNITS
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	***	****		***				*	1/30	GR
	PERMIT REQUIREMENT	***	****		***	****	****			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	***	****		***				*	1/30	GR
	PERMIT REQUIREMENT	***	****		***	****	****			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	***	****		***					1/30	GR
	PERMIT REQUIREMENT	***	****		***	30.00	100.00			1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	****		***	****			*	1/30	GR
	PERMIT REQUIREMENT	***	****		***	****	****			1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	***	****		***	****			*	1/30	GR
	PERMIT REQUIREMENT	***	****		***	****	****			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	***	****		***	****				1/30	GR
	PERMIT REQUIREMENT	***	****		***	****	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 L. K. MILLER  
 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.)

*L. K. Miller*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 935-6000  
 DATE 83 06 07  
 AREA CODE NUMBER YEAR MO DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 No circulators operated during this report period.


NAME: GEN MGR ENV AFF  
 ADDRESS: P. S. E. 6 G.  
 P. O. BOX 570 10C  
 NEWARK NJ 07101  
 FACILITY: SALEM GENERATING STATION  
 LOCATION: LOWER ALLOWAYS CREEK

NJ0005622 PERMIT NUMBER  
 486 DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM 83 05 01 TO 83 05 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) (44-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAM. TYP (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *					*	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *						CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30		*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00		2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *					*	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *					*	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						CALC	GR
	PERMIT REQUIREMENT	* * * *	* * * *	KG/DAY	* * * *	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			
L. K. MILLER			609 935-6000	83	06	0	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	D

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DIS 486 IS CONDENSER #23 COOLING WATER. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREE CHLORINE AT ANY TIME AND NOT MORE THAN 30 MINUTES EACH TIME.  
 No circulators operated during this report period.

NAME SEAN. PARK. - 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) 486  
 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD

FROM	83	05	01	TO	83	05	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)	SAMPL TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***			*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	***	***		***			*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***				1/30	GR
	PERMIT REQUIREMENT	***	***		***	30.00	100.00		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***		*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	***		*	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	***			1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER 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.)	<i>L. K. Miller</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			609 935-6000 AREA CODE NUMBER	83 06 07 YEAR MO DAY

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

No circulators operated during this report period.

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

PERMIT NUMBER: NJ0005672  
 DISCHARGE NUMBER: I FAC  
 MONITORING PERIOD:  
 FROM: 83 05 01 TO: 83 05 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

GP AT 17 7

DELAWARE RIVER

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 (46-51)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00015 4 HEAT MILLIONS CF. BTU'S PER HR NET EFFLUENT NET		*****	*****		0.01	2181.30	10887.00	MBTUHR	0	CALC	NA
		*****	*****		*****	*****	16300.00		*	*	*

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.)	<i>L. K. Miller</i>	TELEPHONE	DATE		
L. K. MILLER			609 935-6000	83 06 07		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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) 48C DISCHARGE NUMBER

GP. AT. MI  
 17 7 1

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
83	05	01	83	05	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 (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAM. TY. (66)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	2.65	2.65	KG/DAY	***	5.00	5.00	0	2/30	24
	PERMIT REQUIREMENT	27.80	185.00		***	30.00	100.00			
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	***	***	5.00	0	2/30	GR
	PERMIT REQUIREMENT	****	****		***	***	10.00			
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	***	***	0.50	*	2/30	GR
	PERMIT REQUIREMENT	****	****		***	***	***			
01042 1 COPPER, TOTAL (AS CU) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.01	0.01	KG/DAY	***	0.01	0.01	0	2/30	24
	PERMIT REQUIREMENT	1.85	1.85		***	***	0.20			
01045 1 IRON, TOTAL (AS FE) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.11	0.17	KG/DAY	***	0.21	0.32	0	2/30	24
	PERMIT REQUIREMENT	1.85	1.85		***	1.00	1.00			
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MGD	***	0.14	0.33	*	CONT	NA
	PERMIT REQUIREMENT	****	****		***	***	***			
00610 1 AMMONIA (AS N) EFFLUENT GROSS	SAMPLE MEASUREMENT	****	****	MG/L	***	1.21	1.22	0	2/30	GR
	PERMIT REQUIREMENT	****	****		***	35.00	***			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 L. K. MILLER  
 TYPED OR PRINTED

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*L. K. Miller*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 935-6000  
 DATE 83 06  
 AREA CODE NUMBER YEAR MO

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

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)  
 48C  
 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
83	05	01	83	05	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 (34-41)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-73)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
01092 1 Zinc, Total (as Zn) Effluent Gross		* * * *	* * * *		* * * *	0.01	0.01		0	2/31	24
		* * * *	* * * *		* * * *	* * * *	0.60	MG/L		1/30	24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER  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.)	<i>L. K. Miller</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
			609 935-6000 AREA CODE NUMBER	83	06	01

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**  
**EAGILITY SALEM GENERATING STATION**  
**LOCATION LOWER ALLOWAYS CREEK**

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

NJ0005622	487
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD						
83	05	01	TO	83	05	31
YEAR	MO	DAY		YEAR	MO	DAY
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

GP. AT MI  
17 7. 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 (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	5.00	5.00		0	2/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00	MG/L		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	5.00		0	2/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00	MG/L		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	0.50		*	2/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MG/L		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	0.01	0.01		*	EST	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		1/30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	23.00		0	1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	43.30	DEG.C		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		7.30	7.30	7.30		0	1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER  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.)	<div style="text-align: center; font-family: cursive; font-size: 1.2em;">L.K. Miller</div> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE 609 935-6000	DATE 83 06 07
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

NJ0005622 (2-78)  
 PERMIT NUMBER  
 87A (7-77)  
 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD					
FROM	83	05	01	TO	83 05 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 (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	2570.00	4080.00	0	15/31	NA
	PERMIT REQUIREMENT	***	***		***	***	***		*	NA
00310 1 BOD, 5-DAY, EFFLUENT GROSS	SAMPLE MEASUREMENT	***	0.48		***	28.50	49.00	1	2/31	GR
	PERMIT REQUIREMENT	***	0.97	KG/DAY	***	30.00	45.00		1/30	GR
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	9.50	14.00	0	2/31	24
	PERMIT REQUIREMENT	***	***		***	30.00	100.00		1/30	24
04055 1 COLIFORM-FECAL EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	0.00	0.00	0	2/31	GR
	PERMIT REQUIREMENT	***	***		***	200.00	400.00		1/30	GR
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	20.00	0	18/31	GR
	PERMIT REQUIREMENT	***	***		***	***	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		6.80	7.00	7.40	0	18/31	GR
	PERMIT REQUIREMENT	***	***		6.00	***	9.00		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	5.00	0	3/31	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER  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 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>L.K. Miller</i>		TELEPHONE		DATE		
				609 935-6000	83 06 07			

STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 THIS 87A IS DISCHARGE 487A. MONITORED PRIOR TO COMB WITH DISCHARGE 487. THIS DISCHARGE IS FOR THE OLD (EXTENDED AERATION) SEWAGE TREATMENT PLANT PRIOR TO COMBINING WITH NEW (ROTATING BIOLOGICAL CONTACTOR) SEWAGE TREATMENT PLANT.

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 PERMIT NUMBER  
 (17-19) 87A DISCHARGE NUMBER

GP. AT MI  
 DELAWARE RIVER 17 7 1

MONITORING PERIOD							
FROM	83	05	01	TO	83	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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)	SAMPL. TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	29870.00	48600.00		0	17/31	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	GPD	*		NA
00310 1 BOD, 5-DAY, EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	7.46		* * * *	39.00	66.00		3	3/31	GR
	PERMIT REQUIREMENT	* * * *	0.97	KG/DAY	* * * *	30.00	45.00	MG/L		1/30	GR
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	20.33	42.00		0	3/31	24
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00	MG/L		1/30	24
74055 1 COLIFORM-FECAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	0.00	0.00		0	3/31	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	200.00	400.00	N/100ML		1/30	GR
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	18.00		0	15/31	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	43.30	DEG. C		1/30	GR
00400 1 pH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		6.50	7.05	7.60		0	15/31	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	5.00		0	3/31	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00	MG/L		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  L. K. MILLER	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		
			609 935-6000	83 06 07	AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DIS 87A IS DISCHARGE 487A. MONITORED PRIOR TO COMB WITH DISCHARGE 487. THIS DISCHARGE IS FOR THE NEW (ROTATING BIOLOGICAL CONTACTOR) SEWAGE TREATMENT PLANT PRIOR TO COMBINING WITH THE OLD (EXTENDED AERATION) SEWAGE TREATMENT PLANT.

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)  
 489  
 DISCHARGE NUMBER

GP. AT MI  
 17 7 1

MONITORING PERIOD							
FROM	83	05	01	TO	83	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-33)	(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 (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMP TYP (69-7)
		AVERAGE (46-53)	MAXIMUM (54-55)	UNITS (56-57)	MINIMUM (58-59)	AVERAGE (60-61)	MAXIMUM (62-63)			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	5.00	5.00	0	2 / 30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00		1 / 30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	5.90	0	2 / 30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00		1 / 30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	22.80	*	2 / 30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1 / 30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	0.02	* * * *	*	EST	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1 / 30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	22.00	0	1 / 30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	43.30		1 / 30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		7.20	7.20	7.20	0	1 / 30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00		1 / 30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 L. K. MILLER  
 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.)

*L.K. Miller*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 935-6000  
 DATE 83 06 07  
 AREA CODE NUMBER YEAR MO DAY

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



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

Salem Generating Station

June 6, 1983

Dr. Richard A. Baker, Chief  
Permits Administration Branch  
Planning & Management Division  
U.S. Environmental Protection Agency, Region II  
26 Federal Plaza  
New York, New York 10278

Attention: Mr. Clifford Lundin

Dear Sir:

NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORTS  
SALEM NUCLEAR GENERATING STATION  
PERMIT NO. NJ0005622

Attached are the Discharging Monitoring Reports for Salem Nuclear  
Generating Station containing the information, as outlined in  
Permit No. NJ0005622 for the month of May, 1983. Exclusion  
explanations are included on an additional sheet.

Very truly yours,

L. K. Miller  
Technical Manager -  
Salem Operations

PDB:slg  
Attachments

CC: Assistant Director for Operations and Enforcement, NJDEP  
Executive Director, DRBC  
Director, USNRC Office of Nuclear Reactor Regulation

IE25  
11

The Energy People

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

<u>DMR NO.</u>	<u>EXPLANATION</u>
481	<u>Total Suspended Solids</u> - Exceeds effluent limitations due to low velocity of discharge flow causing aggregation of solids at sample point.
484	<u>Chlorine, FREE</u> - Exceeds effluent limitations due to the lack of normal circulation dilution water mixing with service water during chlorination.
485	<u>Chlorine, FREE</u> - Exceeds effluent limitations due to the lack of normal circulation dilution water mixing with service water during chlorination.
87A	<u>BOD</u> - System Flow exceeds design capacity due to excess personnel for refueling outage. Modifications to the present treatment system are being considered to improve effluent quality.