

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

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

Form Approved
OMB No. 158-R6073

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

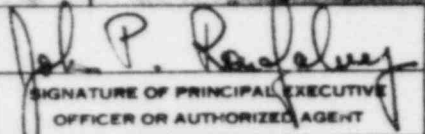
MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
84	10	01	84	10	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 (54-57)			QUALITY OR CONCENTRATION (54-57)				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	*****	*****		15.30	17.20	19.10	DEG.C	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		17.00	20.80	28.90	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		1.70	3.80	11.80	DEG C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30				
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.80	7.45	8.10	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00				
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****		7.10	7.70	8.30	SU	*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****					
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	242.80	532.80	MGD	*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****					
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	<0.01	0.02	0.28	MG/L	0	1/30 min	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20				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		
J.P. Ronafalvy Technical Manager		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		609 339-4455	84	11	27
TYPED OR PRINTED				AREA CODE	NUMBER	YEAR	MO

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

DIS 481 IS #11 CONDENSER COOLING WATER. NOT MORE THAN 3 CONDENS MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MIN. 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

(2-16)

NJ0005622

PERMIT NUMBER

(17-19)

481

DISCHARGE NUMBER

GP. AT MI

17 '7 1

MONITORING PERIOD

FROM	84	10	01	TO	84	10	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)		(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	*****	*****		*****	59.00	59.00		*	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30 GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	57.00	57.00		*	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30 GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	2.00	2.00		0	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00			1/30 GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00		*	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30 GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00		*	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30 GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00		*	1/30 GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00			1/30 GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

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.)

John P. Ronafalvy
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4455

AREA
CODE

NUMBER

DATE

84 11 27

YEAR MO DAY

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

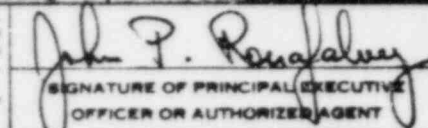
P.O. BOX 570 10C
 NJ 07101
 MONITORING STATION
 LUNGS CREEK

 (2-16) NJ0005622 I 482
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 84 10 01 84 10 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)		(3 (and Only) (40-53))			(4 Card Only (54-65))				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	* * * *	* * * *		15.30	17.30	19.10	DEG.C	*	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *								
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		17.00	21.10	28.80	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *								
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		1.20	3.80	10.60	DEG C	0	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *								
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *					SU		2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *								
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *					SU	*	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *								
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	257.80	532.80	MGD	*	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *								
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	<0.01	0.02	0.28	MG/L	0	1/30 min	NA
	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		
J.P. Ronafalvy Technical Manager TYPED OR PRINTED			609 339-4455	84	11	27

 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. No Samples were obtained due to entrainment study sample equipment configuration.

NAME * GEN. MGR. - ENV AFF

ADDRESS PSE&G

P.O. BOX 570 LOC

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 7 1

MONITORING PERIOD

FROM	84	10	01	TO	84	10	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)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****			MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00530 E 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	*****	*****		*****			MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00			1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 | 339-4455

DATE

84 | 11 | 27

AREA
CODE

NUMBER

YEAR

MO

DAY

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

No Samples were obtained due to entrainment study sample equipment configuration.

BOX 570 10C
 NJ 07101
 GENERATING STATION
 ALLOWAYS CREEK

(2-16) NJ0005622
 PERMIT NUMBER
 (17-19) 483
 DISCHARGE NUMBER
 MONITORING PERIOD
 YEAR MO DAY
 FROM 84 10 01 TO 84 10 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 (46-51)			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	*****	*****		15.30	17.20	19.10	DEG.C	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		18.10	21.90	32.60	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		2.20	4.70	13.90	DEG C	0	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30				
00400 1 PH	SAMPLE MEASUREMENT	*****	*****		6.80	7.45	8.10	SU	0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00			2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	*****	*****		7.10	7.70	8.30	SU	*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00	273.20	532.80	MGD	*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	<0.01	0.02	0.28	MG/L	0	1/30 min	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	*****			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.)					TELEPHONE		DATE		
J.P. Ronafalvy Technical Manager							609 339-4455		84 11 27		
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 NOT MORE THAN 30 MIN EACH TIME.

NAME * GEN. MGR. - ENV APT

ADDRESS PSE&G

P.O. BOX 570 LOC

NEWARK NJ 07101

FACILITY SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK

(2-16)

NJ0005622

PERMIT NUMBER

(17-19)

483

DISCHARGE NUMBER

GP. AT MI

17 7 1

MONITORING PERIOD

FROM	84	10	01	TO	84	10	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)		(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	*****	*****		*****	100.00	100.00		*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	57.00	57.00		*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	43.00	43.00		1	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00	MG/L		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00		*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L		1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00		*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L		1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00		0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00	MG/L		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOW-
INGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR
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OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penal-
ties under these statutes may be fines up to \$10,000 and/or maximum
imprisonment of between 6 months and 5 years.)

John P. Ronafalvy
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4455

AREA
CODE

NUMBER

DATE

84 11 27

YEAR MO DAY

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

GENERAL ENV AFF
BOX 570 10C
NJ 07101
GENERATING STATION
ALLWAYS CREEK

(2-16) NJ0005622 I 484
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
FROM 84 10 01 TO 84 10 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) (40-51) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		15.80	17.40	19.50		*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	DEG.C		CONT	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		16.50	18.00	21.80		0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00	DEG.C		CONT	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		0.10	0.60	3.00		0	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.00	DEG C			
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.80	7.45	8.10		0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU			
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	*****	*****		7.10	7.70	8.30		*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	SU			
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		0.00	156.80	266.40		*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD			
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	<0.01	0.02	0.33		0	1/30 min	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	*****	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.)				TELEPHONE		DATE			
J.P. Ronafalvy Technical Manager						609 339-4455		84	11	27	
TYPED OR PRINTED						OFFICE OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO

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.

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

(2-16) NJ0005622
 PERMIT NUMBER

(17-19) 484
 DISCHARGE NUMBER

MONITORING PERIOD

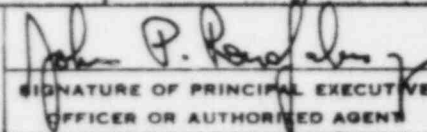
FROM	84	10	01	TO	84	10	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

GP. AT MI
 17 7 1

DELAWARE RIVER
 COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	<div></div>	(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	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	156.00	156.00	MG/L	★	1/30	GR
	PERMIT REQUIREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	32.00	32.00	MG/L	★	1/30	GR
	PERMIT REQUIREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	124.00	124.00	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	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★	0.00	MG/L	0 ★	1/30	GR
	PERMIT REQUIREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★		MG/L		1/30	GR
	PERMIT REQUIREMENT	★ ★ ★ ★	★ ★ ★ ★		★ ★ ★ ★	★ ★ ★ ★	10.00			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 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
J.P. Ronafalvy Technical Manager			609 339-4455	84	11	27
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

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

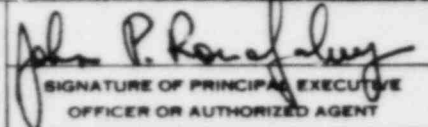
GEN. HCB ENV AFF
P.O. BOX 570 LOC
NJ 07101
GENERATING STATION
LOWER ALLOWAYS CREEK

(2-16) NJ0005622
PERMIT NUMBER
(17-19) 485
DISCHARGE NUMBER
MONITORING PERIOD
FROM 84 10 01 TO 84 10 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)		(1 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51) (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	*****	*****		15.80	17.30	19.50	DEG.C	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		18.20	20.40	24.20	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		2.00	3.10	6.10	DEG C	0	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30				
00400 1 PH	SAMPLE MEASUREMENT	*****	*****							2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	*****	*****						*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	SU		2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00	149.70	266.40	MGD	*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	<0.01	0.20	0.33	MG/L	0	1/30 min	GR
	PERMIT REQUIREMENT	*****	*****		*****	0.20	*****			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		
J.P. Ronafalvy Technical Manager			609 339-4455	84	11	27
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

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 samples were obtained due to entrainment study sample equipment configuration.

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

(2-16) NJ0005622
PERMIT NUMBER

(17-19) 485
DISCHARGE NUMBER

MONITORING PERIOD

FROM	84	10	01	TO	84	10	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
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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	*****	*****		*****			MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00			1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00556 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00556 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****		MG/L		1/30	
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

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.)

John P. Ronafalvy
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4455

AREA
CODE

NUMBER

DATE

84 11 27

YEAR MO DAY

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

No samples were obtained due to entrainment study sample equipment configuration.

GEN. NGR ENV AFF
P.O. BOX 570 10C
NJ 07101
GENERATING STATION
ALLWAYS CREEK

(2-16) NJ0005627
PERMIT NUMBER

(27-18) 1 486
DISCHARGE NUMBER

GP AT
17.7

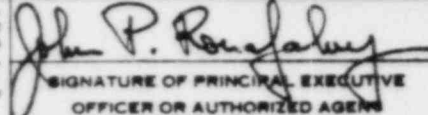
MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
84	10	01	84	10	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)		(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	*****	*****		15.80	17.30	19.50	DEG. C	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		17.80	24.80	33.30	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		2.00	7.50	13.80	DEG. C	0	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	15.30				
00400 1 PH	SAMPLE MEASUREMENT	*****	*****		6.80	7.45	8.10		0	2/7	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	*****	*****		7.10	7.70	8.30		*	2/7	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	SU		2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	*****	*****		0.00		532.80		*	CALC	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD			
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	KG/DAY	<0.01	0.20	0.33		0	1/30 min	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MG/L			

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		
J.P. Ronafalvy Technical Manager			609	339-4455	84	11	27
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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. Due to loss of computer data, the thermal data was manually calculated from the chart recorder data. Estimates for average circulator flow are unavailable.

NAME * GEN. MGR. - ENV AFF

ADDRESS PSE&G

P.O. BOX 570 LOC

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	84	10	01	TO	84	10	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)	<div></div>	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)			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	*****	*****		*****	79.00	79.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	32.00	32.00	MG/L	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	47.00	47.00	MG/L	1	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

J.P. Ronafalvy
Technical Manager

TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOW-
INGLY 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. (Penal-
ties under these statutes may be fines up to \$10,000 and for maximum
imprisonment of between 6 months and 3 years.)

John P. Ronafalvy
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609
AREA
CODE

339-4455

84 11 27

NUMBER

YEAR MO DAY

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

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

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

Form Approved
OMB No. 158-R0073

GP AT
17-7

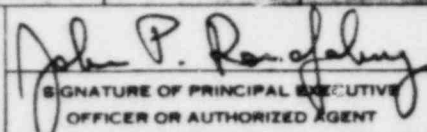
CEN RCR-ENV AFF
P.O. BOX 570 LOC
NEWARK NJ 07101
SALIN GENERATING STATION
LOWER ALLOWAYS CREEK

(12-16) NJ0005627
PERMIT NUMBER
(17-19) 1 FAC
DISCHARGE NUMBER
MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
FROM 84 10 01 TO 84 10 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (12-37)		QUANTITY OR LOADING (40-53)			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			
00015 4 HEAT MILLIONS OF BTU'S PER HR NET EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	2347.60	10839.00	MBTUHR	0	CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	16300.00				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	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		
J.P. Ronafalvy Technical Manager			609 339-4455	84	11	27
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

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 LOC

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	84	10	01	TO	84	10	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)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	0.83	1.40	KG/DAY	*****	1.00	1.00	0	1/30	24
	PERMIT REQUIREMENT	27.80	185.00		*****	30.00	100.00		1/30	24
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.50	*	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
01042 1 COPPER, TOTAL (AS CU) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.13	0.22	KG/DAY	*****	0.16	0.16	0	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		*****	*****	0.20		1/30	24
01045 1 IRON, TOTAL (AS FE) EFFLUENT GROSS	SAMPLE MEASUREMENT	2.11	3.54	KG/DAY	*****	2.53	2.53	4	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		*****	1.00	1.00		1/30	24
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	0.22	0.37	*	CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		*	*
00610 1 AMMONIA (AS N) EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	1.95	1.95	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	35.00	*****		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

TYPED OR PRINTED

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John P. Ronafalvy
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-4455

84 11 2

AREA
CODE NUMBER

YEAR MO

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

(2-16)

(17-19)

NJ0005622

PERMIT NUMBER

48C

DISCHARGE NUMBER

GR AT MI
17-7-1

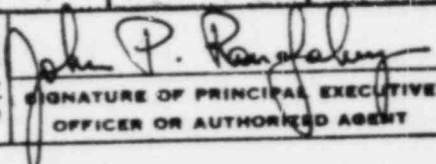
MONITORING PERIOD

FROM	84	10	01	TO	84	10	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(26-31)	(32-33)	(34-35)		(26-31)	(32-33)	(34-35)

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 (42-43)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-67)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
01092 1 Zinc, Total (as Zn) Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	0.03	0.03		0	1/30	24
	PERMIT REQUIREMENT	*****	*****		*****	*****	0.60	M/L		1/30	24
	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	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	TELEPHONE	DATE
J.P. Ronafalvy Technical Manager			339-4455	84 11
TYPED OR PRINTED			AREA CODE	NUMBER

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)

487

DISCHARGE NUMBER

GR AT MI

17 7 1

MONITORING PERIOD

FROM	84	10	01	TO	84	10	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 (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	*****	*****		*****	3.00	3.00		0	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00	MG/L		1/30	GR					
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	<5.00			0	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		*****	10.00		MG/L		1/30	GR					
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	<0.50			*	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		*****			MG/L		1/30	GR					
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****		*	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MGD		1/30	GR					
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	9.00		0	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		*****	*****	43.30	DEG.C		1/30	GR					
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.80	6.80	6.80		0	1/30	GR					
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		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.)					TELEPHONE		DATE							
J.P. Ronafalvy Technical Manager TYPED OR PRINTED							609 339-4455		84 11 27							
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE		NUMBER		YEAR		MO		DAY	

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

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

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

 GP. AT MI
 17 7 1

 MONITORING PERIOD
 FROM 84 10 01 TO 84 10 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)		(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			
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	10940.00	15000.00		0	31/31	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	GPD		*	NA
00310 1 BOD, 5-DAY, EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	0.51		*****	9.00	9.00		0	1/30	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	*****	*****		*****	10.70	15.00		0	4/31	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	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	200.00	400.00	N/100ML		1/30	GR
00010 1 TEMPERATURE, WATER DEG.CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	16.00		0	22/31	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	43.30	DEG.C		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		5.00	6.55	8.10		6	21/31	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5.00		0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00	MG/L		1/30	GR

 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.P. Ronafalvy
 Technical Manager
 TYPED OR PRINTED

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 ties 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
 609 339-4455
 AREA CODE NUMBER
 DATE
 84 11 27
 YEAR MO DAY

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

DIS 87A IS DISCHARGE 487A., MONITORED PRIOR TO COMB WITH DISCHARGE 487. The two Sewage plants are operated in series and are considered a single point.

NAME * GEN. MCR. - ENV AFF

ADDRESS PSE&G

P.O. BOX 570 LOC

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	84	10	01	TO	84	10	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-31)		(26-27)	(28-29)	(30-31)

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (33-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPL TYPE (68-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	1.00	1.00		0	1/30 GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00	MG/L	1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	<5.00		0	1/30 GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00	MG/L	1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	<0.50		*	1/30 GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MG/L	1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		*	* * *
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	19.00		0	1/30 GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	43.30	DEG.C.	1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		7.10	7.10	7.10		0	1/30 GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU	1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J.P. Ronafalvy
Technical Manager

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

609 339-4455

AREA
CODE

NUMBER

DATE

84 11 27

YEAR NO DA

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

November 27, 1984

Ellen Radow - Chief
Bureau of Permits Admin.
Division of Water Resources
CN-029
Trenton, NJ 08625

Dear Ms:

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

Attached are the Discharge Monitoring Report forms for Salem Nuclear Generating Station containing the information as required in Permit No. NJ0005622 for the month of October, 1984.

The information contained in this report presents the observed results required by the Environmental Protection Agency and the New Jersey Department of Environmental Protection, obtained in accordance with approved methods with respect to sampling, analysis, monitoring and methods of reporting.

The reporting of the data and the accuracy of the results reflect the working environment, design capabilities and reliability of the instrumentation.

Discharge sampling locations 482 and 485 are set up and used for ongoing entrainment studies. This precludes any sampling activities. Since all chemical treatments of or discharges to the circulating water system are common with at least one other discharge, those values are assumed to be identical. This assumption is made for all identified parameters.

1E25
1/1

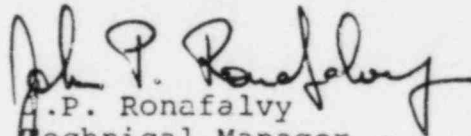
The columns labeled, "No, Ex.", in the enclosed Discharge Monitoring Report forms tabulate the number of observed results that were above or below, as appropriate, the limits contained in the permit; the limits are reflected on the enclosed forms.

Pursuant to Consent Order EPA-CWA-II-82-77 (May 27, 1983), entered by EPA and NJDEP, the following limits apply to the discharge from DSN 48C until July 1, 1985.

<u>Effluent Characteristics</u>	<u>Discharge Limitation - Gross</u>	
	<u>Average Monthly</u>	<u>Maximum Daily</u>
	<u>mg/l</u>	<u>mg/l</u>
TSS	40	100
Total Iron	1.5	1.5
Total Copper	0.2	0.2
Ammonia as NH ₄	35	70

Exclusion explanations are included on an additional sheet.

Very truly yours,


J.P. Ronafalvy
Technical Manager -
Salem Operations

PDB:slg
Attachment

CC: Executive Director, DRBC
Director, USNRC Office of Nuclear Reactor Regulation
Dr. Richard Baker
Vice President - Nuclear

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

DMR NO.

EXPLANATION

483, 484, 486

TSS - It has been indicated that a large amount of silt has accumulated in the general area of the intake structure which intermittently draws it in through the pump suctions. Current plans include the dredging of the intake to eliminate this phenomenon.

48C

Iron - Investigation has indicated the inadequacy of the facility to support two unit operation. Construction of a new facility is in progress.

87A

pH - Over aeration caused nitrification of NH_3 in WWT plant and subsequent drop in pH. This did not adversely affect the water quality of the destination stream DSN 487.