



**PSEG**

REGULATORY SECRET FILE COPY

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

Salem Nuclear Generating Station

August 9, 1978

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

Attention: Dr. Richard A. Baker, Chief

Dear Sir:

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

Attached are the Discharging Monitoring Reports for Salem Nuclear  
Generating Station containing the information, as outlined in  
Permit No. NJ 0005622 for the month of July, 1978.

Very truly yours,

*H. J. Midura*

H. J. Midura  
Manager - Salem Generating Station

LKM:jcm

CC: Director, Division of Water Resources (N.J. Dept. of Env. Pro.)  
General Manager - Electric Production  
Director, Office of Nuclear Reactor Regulation, USNRC, Washington,  
D.C. 20555.

17.5.18.R1

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ADDL  
S  
11

PUBLIC SERVICE ELEC &amp; GAS SALE

80 PARK PLACE

NEWARK

NJ 07101

DELAWARE RIVER  
LOWER ALLOWAYS CREEKGP ... HI  
17 2 1

## INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
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4. Specify frequency of analysis for each parameter as No. analyses/No. days (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
7. Retain carbon and retain copy for your records.
8. Fold along dotted lines, staple and mail Original to office specified in permit.

REPORTING PERIOD: FROM

78	01	70	11
YEAR	MO	DAY	

TO

71	07	31
YEAR	MO	DAY

PARAMETER		QUANTITY				UNITS	CONCENTRATION				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM	NO. EX		MINIMUM	AVERAGE	MAXIMUM	NO. EX				
00310 1 BOD, 5-DAY, 20 DEG. C. EFFLUENT GROSS	REPORTED	.014	.025	.042	KG/DAY	0	1	1.8	3	MG/L	0	1/7	GR	
	PERMIT CONDITION	*****	*****	*****			*****	30.	45.			2/30	CR	
00310 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	REPORTED	.045	.141	.265	KG/DAY	0	3.2	10.1	18.9	MG/L	0	1/7	GR	
	PERMIT CONDITION	*****	*****	*****			*****	30.	45.			1/30	24	
11117 1 FLOATING SOLIDS EFFLUENT GROSS	REPORTED	0	0	0	VIS	0	*****	*****	*****		0	5/7	N/A	
	PERMIT CONDITION	0	0	0			*****	*****	*****			EXCP	*	
50050 1 FLOW EFFLUENT GROSS	REPORTED	$6 \times 10^{-4}$	$3.7 \times 10^{-3}$	$9.4 \times 10^{-3}$	MGD	0	*****	*****	*****	MGD	0	31/31	31 day Comp.	
	PERMIT CONDITION	*****	*****	*****			*****	*****	*****			*	*	
74055 1 COLIFORM-FECAL EFFLUENT GROSS	REPORTED	*****	*****	*****	N/100ML	0	<2	12.3	33		0	3/31	GR	
	PERMIT CONDITION	*****	*****	*****			*****	200.	400.			1/30	GR	
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													

NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE	
Schneider, F. W.		V. P. - Production		7/80/80/19	
LAST	FIRST	MI	TITLE	YEAR	MO DAY

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

*[Signature]*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

PUBLIC SERVICE ELEC &amp; GAS SALE

80 PARK PLACE

NEWARK

NJ 07101

DELAWARE RIVER  
LOWER ALLOWAYS CREEK  
COOLING WATERGP AT MI  
17 2 1

## INSTRUCTIONS

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5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
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7. Remove carbon and retain copy for your records.
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(2-3) NJ ST	(4-14) 0005622 PERMIT NUMBER	(17-19) 481 DIS	4931 SIC	LATITUDE	LONGITUDE
REPORTING PERIOD: FROM		(20-21) 78 YEAR	(22-23) 07 MO	(24-25) 01 DAY	TO
		(26-27) 78 YEAR	(28-29) 07 MO	(30-31) 31 DAY	

PARAMETER		(3 card only) QUANTITY (130-140)				UNITS	(4 card only) CONCENTRATION (145-155)				UNITS	(162-163) NO. EX	FREQUENCY OF ANALYSIS (164-165)	SAMPLE TYPE (166-167)
		MINIMUM	AVERAGE	MAXIMUM			MINIMUM	AVERAGE	MAXIMUM					
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED	22.3	25.6	29.2	DEG. C	0	*	*	*	*	0	Cont.	N/A	
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED	24.5	32.8	41.6	DEG. C	0	*	*	*	*	0	Cont.	N/A	
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED	0	7.1	14.7	DEG C	0	*	*	*	*	0	Cont.	N/A	
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*		*	*
00400 1 PH	REPORTED	7.13	7.44	7.83	SU	0	*	*	*	*	0	2/7	GR	
	PERMIT CONDITION	6.00	*	*		*	*	*	*	*	*		2/7	GR
50050 1 FLOW	REPORTED	266.4	440.8	532.8	MGD	0	*	*	*	*	0	Cont.	N/A	
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*		CONT	*
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													

NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE		I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Schneider, F. W.		V.P. - Production		78 08 09			
LAST	FIRST	MI	TITLE	YEAR	MO	DAY	

PUBLIC SERVICE ELEC & GAS SALE

80 PARK PLACE

NEWARK

NJ 07101

DELAWARE RIVER  
LOWER ALLWAYS CREEK  
COOLING WATER

GP	AT	MI
17	2	1

## INSTRUCTIONS

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[illegible]

PARAMETER		(3 card only)			UNITS	NO. EX	(4 card only)			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		QUANTITY					CONCENTRATION						
		(28-29)	(30-31)	(32-33)			(34-35)	(36-37)	(38-39)				
		MINIMUM	AVERAGE	MAXIMUM			MINIMUM	AVERAGE	MAXIMUM				
CC010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED	22.4	25.8	29.0	DEG.C	0	*****	*****	*****	DEG.C	0	Cont.	N/A
	PERMIT CONDITION	*****	*****	*****				*****	*****		*****		CONT
C0010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED	25.1	33.2	41.8	DEG.C	0	*****	*****	*****	DEG.C	0	Cont.	N/A
	PERMIT CONDITION	*****	*****	46.00				*****	*****		*****		CONT
C0016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED	0	7.5	14.1	DEG C	0	*****	*****	*****		0	Cont.	N/A
	PERMIT CONDITION	*****	*****	15.30				*****	*****		*****		*
C0400 1 PH	REPORTED	7.13	7.44	7.83	SU	0	*****	*****	*****		0	2/7	GR
	PERMIT CONDITION	6.00	*****	9.00				*****	*****		*****		2/7
5C050 1 FLCW	REPORTED	188.7	405.0	532.8	MGD	0	*****	*****	*****	MGD	0	Cont.	N/A
	PERMIT CONDITION	*****	*****	*****				*****	*****		*****		CONT
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												

NAME OF PRINCIPAL EXECUTIVE OFFICER

Schneider, F. W.

TITLE OF THE OFFICER

V. P. - Production

DATE

7/80/80

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

*H. J. [Signature]*

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Form Approved  
1B NO. 155-R0073

PUBLIC SERVICE ELEC & GAS SALE

80 PARK PLACE

NEWARK

NJ 07101

DELAWARE RIVER  
LOWER ALLOWAYS CREEK  
COOLING WATER

GP AT MI  
17 2 1

## INSTRUCTIONS

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3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days. (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.
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(2-3) NJ ST	(4-16) 0005622 PERMIT NUMBER	(17-19) 483 DIS	4931 SIC	(20-21) (22-23) (24-25) 78 07 01 YEAR MO DAY	(26-27) (28-29) (30-31) 78 07 31 YEAR MO DAY
		(32-37) LATITUDE		(38-43) LONGITUDE	

REPORTING PERIOD: FROM

TO

PARAMETER		(3 card only) QUANTITY (22-49) (40-53) (54-61)				UNITS	NO. EX	(4 card only) CONCENTRATION (40-53) (54-61)				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		MINIMUM	AVERAGE	MAXIMUM				MINIMUM	AVERAGE	MAXIMUM								
CC010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED	22.3	25.8	34.2	DEG. C	0	*	*	*	*	*	*	*	*	DEG. C	0	Cont.	N/A
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*	*	*	*			CONT	*
CC010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED	24.2	32.4	38.4	DEG. C	0	*	*	*	*	*	*	*	*	DEG. C	0	Cont.	N/A
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*	*	*	*			CONT	*
CC016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED	0	6.7	12.3	DEG C	0	*	*	*	*	*	*	*	*		0	Cont.	N/A
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*	*	*	*			*	*
C0400 1 PH	REPORTED	7.13	7.44	7.83	SU	0	*	*	*	*	*	*	*	*		0	2/7	GR
	PERMIT CONDITION	6.00	*	*		*	*	*	*	*	*	*	*	*		*		2/7
50050 1 FLOW	REPORTED	310.8	499.5	532.8	MGD	0	*	*	*	*	*	*	*	*	MGD	0	Cont.	N/A
	PERMIT CONDITION	*	*	*		*	*	*	*	*	*	*	*	*			CONT	*
EFFLUENT GROSS	REPORTED																	
	PERMIT CONDITION																	
	REPORTED																	
	PERMIT CONDITION																	
	REPORTED																	
	PERMIT CONDITION																	
	REPORTED																	
	PERMIT CONDITION																	

NAME OF PRINCIPAL EXECUTIVE OFFICER

TITLE OF THE OFFICER

DATE

Schneider, F. W.

V. P. - Production

78 08 09

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

## DISCHARGE MONITORING REPORT

Form Approved  
MB NO. 158-R0073

PUBLIC SERVICE ELEC &amp; GAS SALE

80 PARK PLACE

NEWARK

NJ 07101

DELAWARE RIVER  
LOWER ALLWAYS CREEK  
COOLING WATERGP AT MI  
17 2 I

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(12-2)	(4-10)	(17-19)	
NJ	0005622	484	4931
ST	PERMIT NUMBER	DIS	SIC

REPORTING PERIOD: FROM

(20-21)	(22-23)	(24-25)
78	07	01
YEAR	MO	DAY

TO

(26-27)	(28-29)	(30-31)
78	07	31
YEAR	MO	DAY

PARAMETER		(3 card only)				UNITS	(4 card only)				UNITS	(64-66)		(69-70)
		MINIMUM	AVERAGE	MAXIMUM	NO. EX		MINIMUM	AVERAGE	MAXIMUM	FREQUENCY OF ANALYSIS		SAMPLE		
CC010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED					DEG.C	*	*	*	*	DEG.C			
	PERMIT CONDITION	*	*	*	*		*	*	*	*		CONT	*	
CC010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED					DEG.C	*	*	*	*	DEG.C			
	PERMIT CONDITION	*	*	*	*	46.00	*	*	*	*		CONT	*	
CC016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED					DEG C	*	*	*	*		*	*	
	PERMIT CONDITION	*	*	*	*	15.30	*	*	*	*				
C0400 1 PH	REPORTED					SU	*	*	*	*				
	PERMIT CONDITION	6.00	*	*	*	9.00	*	*	*	*		2/7	GR	
5C050 1 FLOW	REPORTED					MGD	*	*	*	*	MGD			
	PERMIT CONDITION	*	*	*	*		*	*	*	*		CONT	*	
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													

NO DISCHARGE OCCURRED DURING THIS REPORT PERIOD.

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

DELAWARE RIVER  
LOWER ALLOWAYS CREEK  
COOLING WATER

GP	AT	MI
17	2	1

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[illegible]

PARAMETER			(3 card only)				(4 card only)				FREQUENCY OF ANALYSIS	SAMPLE T		
			QUANTITY			UNITS	CONCENTRATION			UNITS				
			MINIMUM	AVERAGE	MAXIMUM		NO. EX	MINIMUM	AVERAGE				MAXIMUM	NO. EX
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED					DEG. C		*	*	*	*			
	PERMIT CONDITION	*	*	*	*		*	*	*	*	*	*	*	CONT
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED					DEG. C		*	*	*	*			
	PERMIT CONDITION	*	*	*	*		46.00	*	*	*	*	*	*	CONT
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED					DEG. C		*	*	*	*			
	PERMIT CONDITION	*	*	*	*		15.30	*	*	*	*	*	*	*
00400 1 PH	REPORTED					SU		*	*	*	*			
	PERMIT CONDITION	6.00	*	*	*		9.00	*	*	*	*	*	*	2/7
50050 1 FLOW	REPORTED					MGD		*	*	*	*			
	PERMIT CONDITION	*	*	*	*		*	*	*	*	*	*	*	CONT
	REPORTED													
	PERMIT CONDITION													
	REPORTED		NO DISCHARGE OCCURRED DURING THIS REPORTING PERIOD.											
	PERMIT CONDITION													
	REPORTED													
	PERMIT CONDITION													
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE		I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				
Schneider, F. W.		V. P. - Production		7 80 80 9										
LAST	FIRST	MI	TITLE		YEAR	MO	DAY							

EPA Form 3320-1 (10-72) DIS 485 IS CONDENSER COOLING WATER. WHEN INTK PH LESS THAN 6.0, DIS PH NOT TO BE LESS. WHEN INTK PH GREATER THAN 9.0, DIS PH NOT TO EXCD INTK

17.5.18

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT**

Form Approved  
EPA NO. 155-R-0073

**PUBLIC SERVICE ELEC & GAS SALE**  
**80 PARK PLACE**  
**NEWARK**  
**NJ 07101**

**DELAWARE RIVER**  
**LOWER ALLOWAYS CREEK**  
**COOLING WATER**

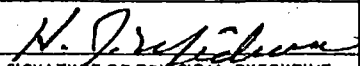
**GP AT MI**  
**17 2 1**

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(12-13) <b>NJ</b> <b>ST</b>	(14-16) <b>0005622</b> PERMIT NUMBER	(17-18) <b>486</b> DIS	(19-21) <b>4931</b> SIC	(22-23) <b>LATITUDE</b>	(24-25) <b>LONGITUDE</b>
REPORTING PERIOD: FROM			TO		
(26-27) <b>7</b> YEAR	(28-29) <b>8</b> MO	(30-31) <b>7</b> DAY	(32-33) <b>78</b> YEAR	(34-35) <b>0</b> MO	(36-37) <b>73</b> DAY

PARAMETER		(3 card only)				UNITS	NO. EX	(4 card only)				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM				MINIMUM	AVERAGE	MAXIMUM					
CC010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	REPORTED				DEG. C		*	*	*	*	DEG. C		CONT	*	
	PERMIT CONDITION	*	*	*		*	*	*	*	*					
CC010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	REPORTED				DEG. C		*	*	*	*	DEG. C		CONT	*	
	PERMIT CONDITION	*	*	*		*	46.00	*	*	*		*			
CC016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	REPORTED				DEG. C		*	*	*	*			*	*	
	PERMIT CONDITION	*	*	*		*	15.30	*	*	*		*			
C0400 1 PH	REPORTED				SU		*	*	*	*			2/7	GR	
	PERMIT CONDITION	6.00	*	*		*	*	*	*	*		*			
SC050 1 FLCH	REPORTED				MGD		*	*	*	*	MGD		CONT	*	
	PERMIT CONDITION	*	*	*		*	*	*	*	*					
	REPORTED														
	PERMIT CONDITION														
	REPORTED														
	PERMIT CONDITION														
NO DISCHARGE OCCURRED DURING THIS REPORTING PERIOD.															
	REPORTED														
	PERMIT CONDITION														

NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE		I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
LAST	FIRST	MI	TITLE	YEAR	MO		
Schneider,	F. W.		V. P. - Production	78	08	09	

EPA Form 3320-1 (10-72) DIS 486 IS CONDENSER COOLING WATER. WHEN INTK PH LESS THAN 6.0, DIS PH NOT TO BE LESS. WHEN INTK PH GREATER THAN 9.0, DIS PH NOT TO EXCEED INTK

ORIGINAL PAGE OF

17.5.18



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

Approved  
NO. 153-R0073

PUBLIC SERVICE ELEC & GAS SALE  
80 PARK PLACE  
NEWARK  
NJ 07101

DELAWARE RIVER  
LOWER ALLOWAYS CREEK  
COOLING WATER

GP AT MT  
17 2 1

INSTRUCTIONS

- Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
- Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
- Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
- Specify frequency of analysis for each parameter as No. analyses/No. days. (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
- Specify sample type ("grab" or "\_\_\_ hr. composite") as applicable. If frequency was continuous, enter "NA".
- Appropriate signature is required on bottom of this form.
- Remove carbon and retain copy for your records.
- Fold along dotted lines, staple and mail Original to office specified in permit.

(12-30) NJ ST	(14-16) 0005622 PERMIT NUMBER	F	(17-19) FAC DIS	4931 SIC	(20-21) 7 YEAR	(22-23) 80 MO	(24-25) 7 DAY	TO	(26-27) 78 YEAR	(28-29) 0 MO	(30-31) 73 DAY
					LATITUDE		LONGITUDE				

REPORTING PERIOD: FROM

TO

PARAMETER		(3 card only)				UNITS	NO. EX	(4 card only)				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM				MINIMUM	AVERAGE	MAXIMUM					
00017 4 HEAT MILLIONS OF BTU'S PER DAY HR EFFLUENT NET	REPORTED	7500	11200	13300	MBTUHR STUDY	0	*****	*****	*****	MKCLDY			Calc.	N/A	
	PERMIT CONDITION	*****	*****	16300.00			*****	*****	*****			*	*		
50050 1 FLOW EFFLUENT GROSS	REPORTED	188.7	448.4	1598.4	MGD	0	*****	*****	*****	MGD	0		Calc.	N/A	
	PERMIT CONDITION	*****	*****	*****			*****	*****	*****			CONT	*		
	REPORTED														
	PERMIT CONDITION														
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	PERMIT CONDITION														
	REPORTED														
	PERMIT CONDITION														

NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE		I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Schneider, F. W.		V. P. - Production		7 80 80 9			
LAST	FIRST	MI	TITLE	YEAR	MO	DAY	

EPA Form 3320-1 (10-72) DIS IS TOTAL OF DISCHARGES 481,482,483,484,485,486. FLOW MEAS CONT FOR ALL CONT DISCH, FOR INTERMITTENT PAGE OF  
T DIS FLOW MEAS AT FREQ OF MOST FREQ SAMP PARAMETER. ORIGINAL

17.5.18

Salem Generating Station  
 NPDES Discharge Monitoring Report - June 1978  
 Permit Number NJ 0005622  
 Condenser Cooling Water Discharge

Date	Discharge No. 481				Discharge No. 482			
	Feed Period		D-90 Feed		Feed Period		D-90 Feed	
	Start	Finish	PPM	Total Pound	Start	Finish	PPM	Total Pound
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21	1312	1408	4.16	400	1501	1559	4.16	400
22	1438	1536	5.00	480	1611	1709	5.00	480
23	1430	1525	5.00	480	1545	1640	5.00	480
24								
25								
26	1845	1943	5.00	480	2100	2200	5.0	480
27	1200	1254	5.00	480	1315	1417	5.0	480
28								
29	1335	1440	5.00	480				
30	1300	1402	5.00	480	1448	1546	5.0	480
31								

NOTE: D-90 Feed is injected into No. 11A & 12A condenser inlets. The actual feed relative to discharge Nos. 481 or 482 is only half the feed rate base on the total flow of each condenser.

Fredrick W. Schneider  
 Vice-President - Production

*N. J. Repidman*  
 Signature of Authorized Agent

Date 8/9/78

Salem Generating Station  
 NPDES Discharge Monitoring Report - July 1978  
 Permit Number NJ 0005622  
 Condenser Cooling Water Discharge

Date	Discharge No. 481				Discharge No. 482			
	Feed Period		D-90 Feed		Feed Period		D-90 Feed	
	Start	Finish	PPM	Total Pound	Start	Finish	PPM	Total Pound
1								
2								
3	1350	1450	5.0	480	1535	1633	5.0	480
4	0930	1029	5.0	480	1120	1220	5.0	480
5	1050	1150	5.0	480	1258	1258	5.0	480
6	1400	1500	5.0	480				
7	0947	1047	5.0	480	1230	1330	5.0	480
8	0830	0930	5.0	480				
9	1010	1110	5.0	480	1300	1400	5.0	480
10	0925	1025	5.0	480	1035	1135	5.0	480
11								
12					0842	0942	5.0	480
13								
14					1300	1400	5.0	480
15	1725	1825	5.0	480	2000	2100	5.0	480
16	1130	1230	5.0	480	2130	2230	5.0	480
17	0800	0900	5.0	480	1000	1100	5.0	480
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

NOTE: D-90 Feed is injected into No. 11A & 12A condenser inlets. The actual feed relative to discharge Nos. 481 or 482 is only half the feed rate base on the total flow of each condenser.

Fredrick W. Schneider  
 Vice-President - Production

  
 Signature of Authorized Agent

Date 8/11/78