



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Hope Creek Generating Station

November 21, 1996

Chief George Corporale
Bureau of Information Systems
P. O. Box CN-029
Trenton, N. J. 08625

RE: NEW JERSEY POLLUTANT DISCHARGE
ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT
HOPE CREEK GENERATING STATION
NJPDES PERMIT NJ0025411

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of October 1996.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analysis required to be performed by the above agencies. The choice of the measurement devices and analytical methods are controlled by the EPA and the NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or that any reading analytical result represents the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

If you have any questions concerning this report, please feel free to contact Mr. C. E. White.

Sincerely,

Mark B. Bezilla
General Manager -
Hope Creek Operations

9611270113 961121
PDR ADOCK 05000354
R PDR

The Energy People

IE25 1/1

NJPDES

2

11/21/96

Attachments

Ny
c

Executive Director, DRBC
USNRC - Docket number 50-354

NJPDES
Explanation of Conditions
October 1996

11/21/96

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex", on the enclosed DMR, tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Analytical values performed by the following NJDEP certified laboratories:

NET Atlantic, Inc. (08153)
Hope Creek Generating Station (17451)
Talbot Laboratory, Inc. (77535)
South Jersey Testing, Inc. (06431)
EMSL Analytical, Inc. (04673)

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are noted on the respective transmittal sheet.

As per the Administrative Consent Order the TSS limit for discharge points 462A, 463A and 464 have been lifted and the interim thermal limits for discharge point 461A have been changed to 443 MBTU/hr (June - September) and 731 MBTU/hr (October - May).

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the December 1993 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel.

The industrial license holder's (N-2) signature is signifying the review for DSN's 461A, 461C, 462A, 463A, and 464. The S-4 license holder's signature signifies review for DSN-462B.

NJPDES
Explanation of Exceedances
October 1996

11/21/96

The following exceedances are included in the attached report
and explained below.

DSN No.

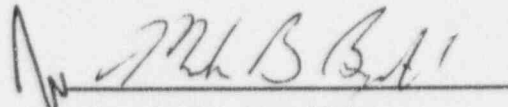
EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

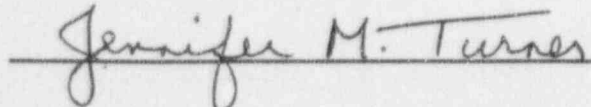
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the General Manager of the Hope Creek Generating Station, and as such am authorized to sign Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
2. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.
3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.



Mark B. Bezilla
General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 21st day of Nov. 1996.



JENNIFER M. TURNER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 25, 2000

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

11/21/96

PAGE	PARAMETER CODE	COMMENTS
<u>461A</u>		
2 of 12	00665 2 1 ** 00680 2 1 **	Net values calculated from grab sample results.
<u>461C</u>		
6 of 12	00680 1 1 **	Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
8 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.
<u>463A</u>		
11 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.
<u>464A</u>		
12 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCESMONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

1101916 THRU 1101916

PERMITTEE:Name Public Service Electric & GasAddress P.O. Box 236Hancocks Bridge, NJ 08038FACILITY:Name Hope Creek Generating StationAddress P.O. Box 236Hancocks Bridge, NJ (County) SalemTelephone (609) 339-3463FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐

T-VWX-007

☐

T-VWX-008

☐

T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐

T-VWX-010A

☐

T-VWX-010B

WASTEWATER REPORTS

☐

T-VWX-011

☐

T-VWX-012

☐

T-VWX-013

GROUNDWATER REPORTS

☐

VWX-015(A,B)

☐

VWX-016

☐

VWX-017

NPDES DISCHARGE MONITORING REPORT

☐

12 EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING

☐☒

TEMPORARY BYPASSING

☐☒

DISINFECTION INTERRUPTION

☐☒

MONITORING MALFUNCTIONS

☐☒

UNITS OUT OF OPERATION

☐☒

OTHER

☐☒(Detail any "Yes" on reverse side
in appropriate space.)NOTE: The "Hours Attended at Plant" on the
reverse of this sheet must also be completed.

AUTHENTICATION - I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

LICENSED OPERATOR

Name (Printed) Peter R. LasalaGrade & Registry No. N-2 (000592)Signature [Signature]

Date

November 21, 1996PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark B. BezillaTitle (Printed) General Manager
Hope Creek OperationsSignature [Signature]

Date

November 21, 1996

OPERATING EXCEPTIONS DETAILED

**** Please refer to the attached Transmittal**

Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 110

Year 916

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	10	10	-	-	-	-	-	-	10	10	10	10	-	10	10	10
Others	10	10	10	10	3	3	10	10	10	10	10	3	3	3	10	10
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	10	-	-	-	10	10	10	10	-	-	-	10	10	10	10	
Others	10	10	3	3	10	10	10	10	10	3	3	10	10	10	10	

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

01012514111

110196 THRU 110196

PERMITTEE:

Name Public Service Electric & Gas

Address P.O. Box 236

Hancocks Bridge, N.J. 08038

FACILITY:

Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N.J. (County) Salem

Telephone (609) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017 *

NJPDES DISCHARGE MONITORING REPORT

12 EPA FORM 3320-1

OPERATING-EXCEPTIONS

YES NO

DYE TESTING ☐ ☒

TEMPORARY BYPASSING ☐ ☒

DISINFECTION INTERRUPTION ☐ ☒

MONITORING MALFUNCTIONS ☐ ☒

UNITS OUT OF OPERATION ☒ ☐

OTHER ☒ ☐

(Detail any "Yes" on reverse side
in appropriate space.)

NOTE: The "Hours Attended at Plant" on the
reverse of this sheet must also be completed.

AUTHENTICATION - I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

LICENSED OPERATOR

Name (Printed) Andres Nurk

Grade & Registry No. S4 (000697)

Signature Andres Nurk

Date 11/7/96

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla
General Manager

Title (Printed) Hope Creek Operations

Signature MBB

Date November 21, 1996

OPERATING EXCEPTIONS DETAILED

East clarifier off line due to good
settling rate.

10/13/96 all power off to plant from 14:45-16:30

10/20/96 all power off to plant from 12:00-13:40

10/27/96 all power off to plant from 12:30-14:00

10/31/96 all power off to plant from 12:30-14:00

HOURS ATTENDED AT PLANT

Month 10

Year 1996

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	8	8	8	8		8	8	8	8	8	8	8		8	8	8
Others					8							8				
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	8	8			8	8	8	8	8	8		8	8	8	8	
Others			8	8							8					