



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

August 19, 1999

New Jersey Department of
Environmental Protection
Division of Water Quality
Bureau of Permit Management
P.O. Box 029
Trenton, NJ 08625-0029
Certified Mail Number Z 449 228 431

**NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORTS
SALEM GENERATING STATION
PERMIT NO. NJ0005622**

Attached is the Discharge Monitoring Report for Salem Generating Station containing the information as required in Permit No. NJ0005622, for the month of July 1999.

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 analyses required to be performed by the above agencies. The choice of the measurement devices and analytical methods is controlled by EPA and 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 any reading or analytical result represents, the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

Sincerely,

Mark B. Bezilla
Vice President Operations

Attachments

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JE 25

9908270233 990819
PDR ADOCK 05000272
R PDR

The Power of Commitment
270062

- C Executive Director - DRBC
- USNRC - Document Control Desk Unit#1-50-272 Unit#2-50-311
- Vice President Operations
- Director - Licensing, Regulation, and Fuels
- M. Vaskis
- D. Hurka
- J. Schloss
- Central Record Facility
- E. Keating

**NJPDES Report
Explanation of Deviations
July 1999**

The following explanations are included to clarify possible deviations 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.

All reported concentrations are based on daily discharge values.

Total residual chlorine is performed three times per week during chlorination unless otherwise indicated.

Analytical values which are less than detectable are reported as zero unless otherwise indicated.

Analytical results for all parameters other than pH, temperature, TSS, TRC and Bioassay results are provided by Raytheon Environmental Services Laboratory. (NJDEP certification 77343) or South Jersey Testing Laboratory (NJDEP certification 06431). Bioassay results are provided by New England Bioassay, Inc. (NJDEP certification 46405).

Net negative discharge values are reported as negative.

489C- Flow thru outfall 489 is calculated based on Oil Water Separator Lift Pump run times.

481-486 - Chlorination of the circulation water system normally does not occur except as otherwise noted. Service water system chlorination is normally continuous and is monitored on the circulating water system outfall.

Chlorination of both systems will be indicated by results reported for both and represents their combined effect upon the circulating water outfall.

NJPDES Report
Explanation of Deviations
June 1999

48C - Non-Radioactive Liquid Waste - This system continues to be operated in a batch mode to treat for hydrazine and ammonia by the addition of sodium hypochlorite. No hydrazine has been discharged from this outfall during the reporting period. Residual chlorine is monitored at the outfalls of DSN's 481, 482, 484, and 485, and has not exceeded the permit limits at these outfalls.

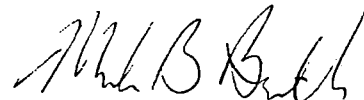
The following excursions are included in the attached report and are explained below. Excursions have not endangered nor significantly impacted public health or the environment.

<u>DSN NO.</u>	<u>EXPLANATION</u>
	None

COUNTY OF SALEM
STATE OF NEW JERSEY

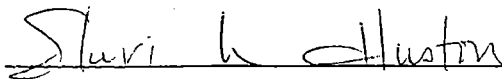
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Vice President, Operations for PSEG Nuclear, and as such, am authorized to sign Salem's 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 have reviewed the attached Discharge Monitoring Reports. Pursuant to N.J. A. C. 7:14A-2.4, 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 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
Vice President
Operations

Sworn and subscribed before me
this 19 day of Aug 1999



Commission expires 12/8/2003

NEW JERSEY DEPARTMENT OF ENVIROMENTAL PROTECTION
DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.
0005622

REPORTING PERIOD
Mo. Yr. Mo. Yr.
07/99 07/99

PERMITTEE: Name : Public Service Electric and Gas Company

Address: P.O. Box 236

FACILITY: Name : Salem Nuclear Generating Station

Address: Alloway Creek Neck Road

Hancock's Bridge

Telephone: (856) 935-6000

FORMS ATTACHED (Indicate Quantity of Each)

Operating Exceptions

	Yes	No
SLUDGE REPORT-SANITARY <u>0</u> T-VWX-007 <u>0</u> T-VWX-008 <u>0</u> T-VWX-009 <u>0</u> EPA FORM 3320-1		
		DYE TESTING <u>—</u> <u>X</u>
SLUDGE REPORT-INDUSTRIAL <u>0</u> T-VWX-010A <u>0</u> T-VWX-010B		TEMPORARY BYPASSING <u>—</u> <u>X</u>
		DISINFECTION INTERRUPTION <u>—</u> <u>X</u>
WASTEWATER REPORTS <u>0</u> T-VWX-011 <u>0</u> T-VWX-012 <u>0</u> T-VWX-013		MONITORING MALFUNCTIONS <u>—</u> <u>X</u>
		UNITS OF OPERATION <u>—</u> <u>X</u>
GROUNDWATER REPORTS <u>0</u> VWX-015(A,B) <u>0</u> VWX-016 <u>0</u> VWX-017 <u>0</u> ELECTRONIC SUBMISSION		OTHER <u>—</u> <u>X</u>
	(Detail any "Yes" on reverse side in appropriate space)	
NJPDES DISCHARGE MONITORING REPORT <u>12</u> EPA FORM 3320-1		NOTE: The "Hours Attended at Plant" on the reverse of this sheet must also be completed.

AUTHENTICATION I certify under penalty of law that this document and all attachments were prepared under the direction of supervision in accordance with a system designed to assure my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Michael J. Kubiak
Grade & Registry No. N-2 0016955

Name (Printed) Mark B. Bezilla
Title (Printed) Vice President Operations

Signature *Michael J. Kubiak*
Date 8/19/99

Signature *Mark B. Bezilla*
Date 8/24/99

