



**PSEG**

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

Salem Generating Station

July 15, 1985

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 June 1985.

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.

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.

B508140570 850715  
PDR ADDCK 05000272  
R PDR

*LE25*  
*11*

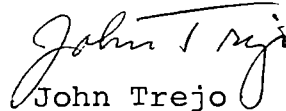
The Energy People

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 <sub>4</sub>	35	70

Exclusion explanations are included on an additional sheet.

Very truly yours,



John Trejo  
Radiation Prot./Chem. 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.

<u>DMR NO.</u>	<u>EXPLANATION</u>
483	<u>TSS</u> - Cause of high average value unknown.
487A	<u>BOD</u> - Suspected cause of exclusion is the failure of aeration blower on the treatment system.
483	<u>DIFFERENTIAL TEMPERATURE</u> - Programatic errors have been identified as the possible cause of some high $\Delta T$ values. These are being investigated.
481-483	<u>FRC</u> - Chlorination was terminated on first indication of chlorine detection.
FAC	<u>NET HEAT RELEASE</u> - This is a calculated value based on assumed pump flow rates for two Unit operation and is subject to programatic errors.
489	<u>Oil and Grease</u> - Cause of high value appears to be run off from paved parking area.