



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

Salem Generating Station

November 22, 1985

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

Dear Ms. Radow:

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, 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.

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PDR ADOCK 05000272  
R PDR

The Energy People

IE25  
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Exclusion explanations are included on an additional sheet.

Very truly yours,



John Trejo  
Chemistry/Rad. Prot. Manager  
Salem Operations

PDB:slg  
Attachments

C Executive Director, DRBC  
Director, USNRC Office of Nuclear Reactor Regulation  
Vice President - Nuclear  
FILE: NPDES3.RPT

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

FAC

Net Heat Release - This is a calculated value based on assumed pump flow rates for two Unit operation and is subject to programatic errors. A review of the program is being conducted. Expected corrections by 12/85.

483

ΔT, TSS - Cause of high values unknown.

487A

Fecal Coliform - Investigation of cause proved inconclusive. Operation of the plant has been modified and chlorination supply changed. Subsequent test results showed no fecal coliform bacteria.