

DEC 19 2003



LR-E03-0530

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
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Ms. Susan Rosenwinkle
Bureau of Point Source Permitting - Region 2
Division of Water Resources
New Jersey Department of Environmental Protection
410 East State Street, CN-029
Trenton, NJ 08625-0029

**SALEM GENERATING STATION
NJPDES PERMIT NO. NJ0005622
SUPPLEMENTAL WASTE STREAM INFORMATION**

Dear Ms. Rosenwinkle:

PSEG Nuclear LLC's Salem Generating Station ("Salem") New Jersey Pollutant Discharge Elimination System ("NJPDES") Permit No. NJ0005622 ("Permit") establishes limitations and conditions for pollutants at a number of outfalls to the Delaware Estuary, as well as internal monitoring locations including DSN 48C, the Non Radioactive Liquid Waste Disposal System ("NRLWDS"). The effluent of the NRLWDS commingles with the non-contact cooling water at any or all of DSNs 481, 482, 484, and/or 485 before they discharge to the Estuary. These limitations and conditions are predicated in part on the information provided in the NJPDES application.

Groundwater is a common influent to the NRLWDS as discussed in the current NJPDES application. Salem plans to extract additional groundwater at the site and discharge this groundwater through the NRLWDS, DSN 48C. The groundwater extraction will be conducted with the oversight of the Bureau of Nuclear Engineering ("BNE"). The groundwater contains the radionuclide tritium. All radionuclide discharges are conducted in compliance with the requirements of the U. S. Nuclear Regulatory Commission (USNRC) and the requirements of the NJPDES Permit. This groundwater extraction is anticipated to continue for several years. The low volumes anticipated will not negatively impact the operation of the NRLWDS. The discharge volume will be reported with the

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Discharge Monitoring Report for DSN 48C and the radionuclide discharge will be reported in accordance with USNRC regulations.

This information is being provided to supplement the NJPDES application. If you or your staff have any questions or require additional information, please contact me at (856) 339-1129 or Ed Keating at (856) 878-6927.

Respectfully



Steven R. Mannon
Manager – Nuclear Safety & Licensing

C USNRC
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Executive Director, DRBC