PSE&G

Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Nuclear Generating Station

REGULATORY DOCKET FILE COPY

RECEIVED DISTRIBUTION SERVICES UNIT
1978 JUL 21 AM 10 05
US NRC DISTRIBUTION SERVICES BRANCH

July 10, 1978

Department of Environmental Protection
Division of Water Resources
Bureau of Water Control
P. O. Box 2809
Trenton, New Jersey 08625

Attention: Mr. Raymond A. Webster
Chief - Bureau of Water Control

SALEM NUCLEAR GENERATING STATION
DIVERSION OF SUBSURFACE WATER
AUTHORIZATION A-267 CAMDEN

This letter refers to our Permit No. P-743 for Salem Generating Station covering the diversion of water from wells. Enclosed are forms, in duplicate, reporting the total amount of water diverted each month and chloride analysis of water from wells No. 1, 2, 3 and 5 for the quarter ending June 30, 1978.

Very truly yours,

H. J. Midura
Manager - Salem Generating Station

LKM:jcm
Enc.

26-10-12-R1-1-SP

1903-1978 75 YEARS OF SERVICE

A007 S 1 1

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N. J.

ELECTRIC GENERATION DEPT. P-743
PUBLIC SERVICE ELECTRIC AND GAS CO.
P.O. BOX 168
hancocks bridge, N.J. 08038

The following quotation is from Revised Statutes:

58 1 16. Report to commission of amount of water used; examination of meters, records and works
The officers in control of municipal and other water works shall keep accurate records by meters
or other approved methods, of the amount of water used and shall report the same quarterly to
the Commission. The Commission may make such investigation of the meters and records as may be
necessary to determine all matters pertinent to its duties, and may examine the plants and works
of all public or quasi-public water supplies to ascertain the sources of supply and determine
the taking and diversion effected, and the charge, if any, authorized by law to be made for exces
diversion."

"Commission" in above quotation now means "Division of Water Resources."

Reports must be filed promptly following the close of each quarter.
Report all quantities in units of 1,000 gallons.
Use other side of this form to report diversion from individual wells, when required, and to
report water received from and/or delivered to other systems.
The sums of Items 1 and 2 should equal the sums of Items 3 and 4.

For quarter ending June 30, 1978

| | | 1st Month | 2nd Month | 3rd Month |
|---|---|---|---|---|
| 1. Diversion from own sources | Surface | 0 | 0 | 0 |
| | Wells | 33,491,400 | 42,597,800 | 38,973,200 |
| | Total | 33,491,400 | 42,597,800 | 38,973,200 |
| 2. Received from other systems (see 6) | | 0 | 0 | 0 |
| 3. Delivered to other systems (see 7) | | 0 | 0 | 0 |
| 4. Net diversion for territory served (see 8) | | 33,491,400 | 42,597,800 | 38,973,200 |

5. How is diversion determined? If estimated, give basis of estimate Meter Reading Well #1 and #5, Estimate Wells #2, & #3 as percents of Well #1.

6. Systems from which water is received _____

7. Systems to which water is delivered _____

8. Municipalities supplied in territory served _____

9. Population supplied in territory served _____

10. Number of service connections in territory served _____

11. Number of service meters in territory served _____

Date 7/10/78

H. J. Mathews
Manager - Salem Generating Station
(signature and official title)

26-10-12-R1-2-SP

Presently we are operating Well Nos. 1, 2, 3 and 5 at Salem Nuclear Generating Station. They are metered. We use no water from an outside source. The chloride analysis of Nos. 1, 2, 3 and 5 wells are listed below as ppm chloride.

| | Well #1 | Well #2 | Well #3 | Well #5 |
|---|---|---|---|---|
| April 1978 | 43.2 | 155 | 29.0 | 15.8 |
| May 1978 | 52.3 | 170 | 33.0 | 16.7 |
| June 1978 | 55.5 | 169 | 32.2 | 16.1 |

J. C. Miller

26-10-12-R1-3-SP

Station Performance Engineer