



Regulatory

File Cy.

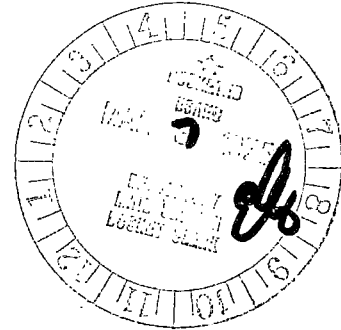
Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/622-7000

February 3, 1975

50-272
50-311
SALEM STATION

To: Mr. A. W. Dromerick

From: E. A. Liden



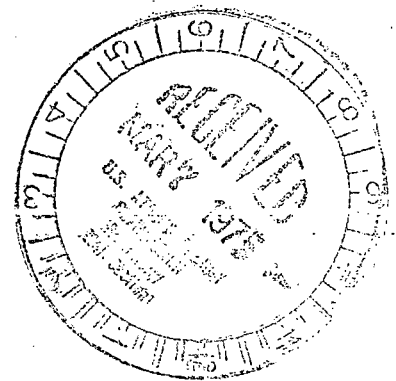
The following information is supplied per your request:

1. Total secondary system water and steam inventory (operating conditions)

Steam	65,200	lbs
Water	2,620,000	lbs
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	2,685,200	lbs

2. Steam Generator blowdown rate (operating conditions)

Normal conditions	120 gpm (total/unit)
with primary-secondary leak	30 gpm (total/unit)



3. Blowdown tank capacity

Tank No. 11 (21)	860 gal.
Tank No. 12 (22)	3680 gal.

4. Approximate mass of metal in contact with primary coolant (i.e., RV intervals, pumps, etc.)

$$2.53 \times 10^6 \text{ lbm.}$$

5. Amount of primary coolant that leaks through double ended tube rupture

125,000 lb (See FSAR, Section 14.3.1.3)

6. Time required for isolation of failed steam generator following a tube rupture (without offsite power)

30 minutes (See FSAR, Section 14.3.1.3)

7. Time required for isolation of intact steam generators following a steam line break accident outside containment (without offsite power)

10 seconds (See FSAR, Section 14.3.1.2)

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The Energy People