



**PSEG**

Public Service Electric and Gas Company

Salem Generating Station P.O. Box #168 Hancocks Bridge, New Jersey 08038

**REGULATORY DOCKET FILE COPY**

November 4, 1977

Director, Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Dear Sir:

MONTHLY OPERATING REPORT  
SALEM NO. 1  
DOCKET NO. 50-272

In compliance with Section 6.9, Reporting Requirements for the Salem Technical Specifications, 10 copies of the following monthly operating reports for the month of November, 1977 are being sent to you.

Appendix B - Average Daily Unit Power Level  
Appendix C - Operating Data Report  
Appendix D - Unit Shutdowns and Power Reductions

Sincerely yours,

H. J. Heller  
Manager - Salem Generating Station

NOTE: Salem No. 1 has been commercial since June 30, 1977.  
The net generation for the one day's commercial operation  
in June was 20,074 MWh.

JMZ:jcm

cc: Mr. Boyce H. Grier  
Director of U.S. NRC  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

(1 Copy)

Director, Office of management  
Information and Program Control  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

(2 Copies)

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The Energy People

APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272

UNIT Salem #1

DATE 11-4-77

COMPLETED BY J.M. Zupko, Jr.

TELEPHONE 609-365-7000 X507

MONTH October, 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWE-NET)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

**APPENDIX C**  
**OPERATING DATA REPORT**

DOCKET NO.	<u>50-272</u>
UNIT	<u>Salem #1</u>
DATE	<u>11-4-77</u>
COMPLETED BY	<u>J.M. Zupko, Jr.</u>
TELEPHONE	<u>609-365-7000 X507</u>

**OPERATING STATUS**

1. REPORTING PERIOD: October, 1977 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3338 MAX. DEPEND. CAPACITY (MWe-NET): 1079  
DESIGN ELECTRICAL RATING (MWe-Net): 1090
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL . . . . .	<u>0.0</u>	<u>1738.6</u>	<u>1738.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE . . . . .	<u>0.0</u>	<u>1709.3</u>	<u>1709.3</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) . . . . .	<u>0.0</u>	<u>4,810,903</u>	<u>4,810,903</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>0.0</u>	<u>1,558,940</u>	<u>1,558,940</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>-3706</u>	<u>1,471,871</u>	<u>1,471,871</u>
12. REACTOR SERVICE FACTOR . . . . .	<u>0.0</u>	<u>58.4</u>	<u>58.4</u>
13. REACTOR AVAILABILITY FACTOR . . . . .	<u>0.0</u>	<u>58.4</u>	<u>58.4</u>
14. UNIT SERVICE FACTOR . . . . .	<u>0.0</u>	<u>57.4</u>	<u>57.4</u>
15. UNIT AVAILABILITY FACTOR . . . . .	<u>0.0</u>	<u>57.4</u>	<u>57.4</u>
16. UNIT CAPACITY FACTOR (Using MDC) . . . . .	<u>0.0</u>	<u>45.8</u>	<u>45.8</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) . . . . .	<u>0.0</u>	<u>45.4</u>	<u>45.4</u>
18. UNIT FORCED OUTAGE RATE . . . . .	<u>0.0</u>	<u>8.79</u>	<u>8.79</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: Nov. 18, 1977

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>9-30-76</u>	<u>12-11-76</u>
INITIAL ELECTRICITY	<u>11-01-76</u>	<u>12-25-76</u>
COMMERCIAL OPERATION	<u>12-20-76</u>	<u>6-30-77</u>

## APPENDIX D

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-272

UNIT NAME Salem #1

DATE J.M. Zupko, Jr.

COMPLETED BY 609-365-7000 X507

TELEPHONE \_\_\_\_\_

REPORT MONTH October, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	OUTAGE DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-118	9-16-77	S	745	B	1	Planned Outage.