



# PSEG

Public Service Electric and Gas Company Salem Nuclear Generating Station  
P.O. Box #168 Hancocks Bridge, New Jersey 08038

March 3, 1977

**Regulatory Docket File**

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

**MONTHLY OPERATING REPORT  
SALEM GENERATING STATION**

In compliance with Section 6.9, Reporting Requirements for the Salem Technical Specifications, the following Monthly Operating Reports for the month of February, 1977 are being sent to you.  
(original plus 10 copies)

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

Additional copies of the Monthly Operating Reports are being sent to:

1. Mr. James P. O'Reilly (1 Copy)  
Director of US NRC  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, PA 19406
2. Director, Office of Management Information (2 Copies)  
and Program Control  
US Nuclear Regulatory Commission  
Washington, D.C. 20555

H. J. Heller  
Manager - Salem Generating Station

Enc.

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The Energy People

APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272

UNIT Salem No. 1

DATE 3-3-77

COMPLETED BY J. M. Zupko Jr.

TELEPHONE 609-365-7000 X507

MONTH February

DAY AVERAGE DAILY POWER LEVEL  
(MWe-NET)

1	117
2	49
3	81
4	107
5	110
6	119
7	190
8	260
9	231
10	115
11	131
12	289
13	299
14	346
15	484
16	464

DAY AVERAGE DAILY POWER LEVEL  
(MWE-NET)

17	462
18	456
19	484
20	440
21	380
22	468
23	459
24	259
25	0
26	0
27	0
28	0
29	
30	
31	

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

**DOCKET NO.** 50-272  
**UNIT** Salem No. 1  
**DATE** 3-7-77  
**COMPLETED BY** J. M. Zupko Jr.  
**TELEPHONE** 609-365-7000 Ext. 507

**OPERATING STATUS**

1. REPORTING PERIOD: February GROSS HOURS IN REPORTING PERIOD: 672
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3338 MAX. DEPEND. CAPACITY (MWe-NET): Determined  
DESIGN ELECTRICAL RATING (MWe-Net): 1090 To Be
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>545.1</u>	<u>1026.6</u>	<u>1328.2</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE . . . . .	<u>528.5</u>	<u>784.6</u>	<u>824.9</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. GROSS THERMAL ENERGY GENERATED (MMH) . . . . .	<u>658284</u>	<u>904298</u>	<u>952995</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MMH) . . . . .	<u>185830</u>	<u>239120</u>	<u>242350</u>
11. NET ELECTRICAL ENERGY GENERATED (MMH) . . . . .	<u>161500</u>	<u>189375</u>	<u>189375</u>
12. REACTOR SERVICE FACTOR . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
13. REACTOR AVAILABILITY FACTOR . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
14. UNIT SERVICE FACTOR . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
15. UNIT AVAILABILITY FACTOR . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
16. UNIT CAPACITY FACTOR (Using MDC) . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
18. UNIT FORCED CUTAGE RATE . . . . .	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	<u>NONE</u>		

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: March 3, 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> _____

## APPENDIX D

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-272UNIT NAME Salem No. 1DATE 3-3-77COMPLETED BY J. M. Zupko Jr.TELEPHONE 609-365-7000 EXT. 507REPORT MONTH February 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-13	770201	F	14.8	H	3	12 Stm. Gen. Feed Pump Trip
77-14	770202	F	2.7	H	3	11 Stm. Gen. Feed Pump Trip
77-15	770202	F	2.9	A	3	11 Stm. Gen. Feed Pump Trip
77-16	770206	F	2.0	H	1	12A/12B Circulator Trip
77-17	770210	F	10.2	H	3	Main Steam Stop Valve Closure
77-18	770211	F	5.4	G	3	Main Steam Stop Valve Closure
77-19	770224	S	105.5	B	3	Rod Drop Test