



PSEG

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

June 6, 1977

REGULATORY DOCKET FILE COPY

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 May, 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

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APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272
UNIT Salem #1
DATE June 6, 1977
COMPLETED BY J.M. Zupko, Jr.
TELEPHONE 609-365-7000 X507

MONTH May, 1977

DAY AVERAGE DAILY POWER LEVEL
(MWe-NET)

1	<u>228</u>
2	<u>222</u>
3	<u>203</u>
4	<u>64</u>
5	<u>0</u>
6	<u>0</u>
7	<u>44</u>
8	<u>547</u>
9	<u>827</u>
10	<u>987</u>
11	<u>920</u>
12	<u>977</u>
13	<u>975</u>
14	<u>568</u>
15	<u>723</u>
16	<u>935</u>

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	<u>983</u>
18	<u>795</u>
19	<u>95</u>
20	<u>961</u>
21	<u>1087</u>
22	<u>1045</u>
23	<u>1072</u>
24	<u>1027</u>
25	<u>705</u>
26	<u>538</u>
27	<u>531</u>
28	<u>544</u>
29	<u>544</u>
30	<u>543</u>
31	<u>533</u>

OPERATING DATA REPORT

DOCKET NO.	50-272
UNIT	Salem #1
DATE	June 6, 1977
COMPLETED BY	J.M. Zupko, Jr.
TELEPHONE	609-362-7000 X507

OPERATING STATUS

- REPORTING PERIOD: May, 1977 GROSS HOURS IN REPORTING PERIOD: 744
- CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3338 MAX. DEPEND. CAPACITY (MWe-NET): To Be Determined
DESIGN ELECTRICAL RATING (MWe-Net): 1090
- POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
- REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	650.8	2,763.1	3,064.7
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	647.0	2,462.5	2,502.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MMH)	1,500,554	4,677,542	4,726,239
10. GROSS ELECTRICAL ENERGY GENERATED (MMH)	490,070	1,477,140	1,480,370
11. NET ELECTRICAL ENERGY GENERATED (MMH)	458,636	1,339,344	1,339,344
12. REACTOR SERVICE FACTOR	N/A	N/A	N/A
13. REACTOR AVAILABILITY FACTOR	N/A	N/A	N/A
14. UNIT SERVICE FACTOR	N/A	N/A	N/A
15. UNIT AVAILABILITY FACTOR	N/A	N/A	N/A
16. UNIT CAPACITY FACTOR (Using MDC)	N/A	N/A	N/A
17. UNIT CAPACITY FACTOR (Using Design MWe)	N/A	N/A	N/A
18. UNIT FORCED CUTAGE RATE	N/A	N/A	N/A
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	9-17-77 Modification of Low Pressure Turbine Blading, Eight Weeks.		
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	N/A		
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED	
INITIAL CRITICALITY	9-30-76	12-11-76	
INITIAL ELECTRICITY	11-01-76	12-25-76	
COMMERCIAL OPERATION	12-20-76		

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-272UNIT NAME Salem #1DATE June 6, 1977COMPLETED BY J.M. Zupko, Jr.TELEPHONE 609-365-7000 X507REPORT MONTH May, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	OUTAGE DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-34	770504	F	79.6	B	3	Turbine Generator taken off line manually to repair valves 1CV132, 1CV68. Reactor later tripped due to 14 Stm. Gen. Low Level/High Stm. Flow.
77-35	770513	F	0.0	B	4	Clean 11 and 12 Steam Gen. Feed Pump Strainers.
77-36	770516	F	0.0	B	4	Clean 11, 12 and 13 Condensate Pump Strainers.
77-37	770518	F	17.4	B	4	Venting of Pressurizer Level Transmitter. Turbine Generator taken off line manually - Reactor kept critical.