



PSEG

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

May 9, 1977



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

MONTHLY OPERATING REPORT
SALEM GENERATING STATION

REGULATORY DOCKET FILE COPY

In compliance with Section 6.9, Reporting Requirements for the Salem Technical Specifications, the following Monthly Operating Reports for the month of April, 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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8-1-7.R1

The Energy People

77/360/26 95-27-29, 10-72

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272

UNIT Salem #1

DATE 5/9/77

COMPLETED BY J.M. Zupko, Jr.

TELEPHONE 609-365-7000

Ext. 507

MONTH April, 1977

DAY AVERAGE DAILY POWER LEVEL
(MWe-NET)

1	0
2	0
3	50
4	141
5	729
6	777
7	842
8	918
9	831
10	986
11	462
12	0
13	0
14	434
15	493
16	555

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	545
18	548
19	546
20	550
21	927
22	906
23	789
24	750
25	992
26	880
27	927
28	1006
29	427
30	90
31	

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50-272
UNIT Salem #1
DATE 5-9-77
COMPLETED BY J. M. Zupko, Jr.
TELEPHONE 609-365-7000 X507

OPERATING STATUS

1. REPORTING PERIOD: April, 1977 GROSS HOURS IN REPORTING PERIOD: 719
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3338 MAX. DEPEND. CAPACITY (MWe-NET): To be Determined
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	588.3	2112.3	2413.9
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	560.6	1815.5	1855.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MMH)	1,320,790	3,176,988	3,225,685
10. GROSS ELECTRICAL ENERGY GENERATED (MMH)	436,110	987,070	990,300
11. NET ELECTRICAL ENERGY GENERATED (MMH)	405,161	880,708	880,708
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 OUTAGE RATE	N/A	N/A	N/A
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	9-12-77 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 May 9, 1977COMPLETED BY J. M. Zupko, Jr.TELEPHONE 609-365-7000 X507REPORT MONTH April, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	OUTAGE DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-26	770331	Forced	54.1	A	3	13/14 Main Stm. Valve Closure
77-27	770403	Forced	12.5	H	3	11 Stm. Gen. Feed Pump Trip
77-28	770404	Forced	12.7	F	2	10 GPM Unidentified RCS Leakage.
77-29	770406	Forced	0	B	4	Clean Condensate Pump Strainers
77-30	770411	Forced	21.0	A	3	High Negative Rate/N31, N32 Blown Fuse on Control Rod 1A2
77-31	770412	Forced	33.4	H	3	14 S.G. High High Level/Restarting of 14 RCP above P-7.
77-32	770426	Forced	0	B	4	Clean Condensate Pump Strainers
77-33	770429	Forced	24.7	G	2	Inadvertant Isolation of EH Pressure Switch.

SUMMARY:

*LOAD REDUCTION.