PSE&G

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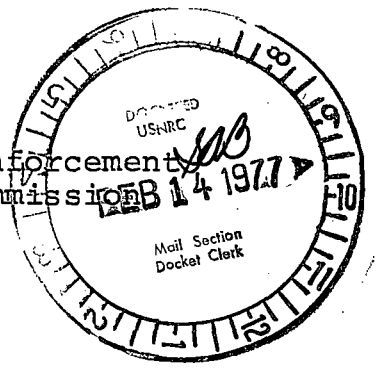
Public Service Electric and Gas Company Salem Nuclear Generating Station
P.O. Box #168 Hancocks Bridge, New Jersey 08038

50-272

February 7, 1977



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 January 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 2-7-77
COMPLETED BY J.M. ZUPKO JR.
TELEPHONE 609-365-7000 EXT. 507

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	61
5	0	21	111
6	0	22	23
7	0	23	0
8	38	24	24
9	17	25	173
10	0	26	226
11	0	27	229
12	0	28	147
13	0	29	119
14	0	30	238
15	0	31	220
16	0		

APPENDIX C

OPERATING DATA REPORT

DOCKET NO. 50-272
UNIT Salem No. 1
DATE 2-7-77
COMPLETED BY J.M. Zupko Jr.
TELEPHONE 609-365-7000 Ext.507

OPERATING STATUS

1. REPORTING PERIOD: January 1976 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3398 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	481.5	481.5	783.1
6. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
7. HOURS GENERATOR ON LINE	256.1	256.1	296.4
8. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
9. GROSS THERMAL ENERGY GENERATED (MWH)	246014	246014	294711
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	53,290	53,290	56,520
11. NET ELECTRICAL ENERGY GENERATED (MWH)	28,375	28,375	28,375
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): 4-2-77
    Modification of Low Pressure Turbine Blading, Eight Weeks.

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

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. 50-272
UNIT NAME Salem No. 1
DATE 2-7-77
COMPLETED BY J.M. Zupko Jr.
TELEPHONE 609-365-7000 Ext. 507

REPORT MONTH January 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
76-4	770101	F	15.1	A	3	12 Stm. Gen. Feedwater Regulating Valve
77-1	770102	F	13.0	H	3	11, 12 Stm. Gen. Feed Pump Trip
77-2	770102	S	16.0	B	3	Test Procedure-Loss of Offsite Pwr.
77-3	770103	S	112.0	B	3	Test Procedure-Steam Dump Control
77-4	770108	F	12.2	H	3	11 Stm. Gen. Feed Pump Trip
77-5	770109	F	17.6	B	1	Turbine Intercept Valve Leak
77-6	770110	F	29.5	H	3	12 Stm. Gen. Feed Pump Trip
77-7	770111	F	203.7	B	3	11, 12 Stm. Gen. Feed Pump Trip
77-8	770122	F	56.7	H	3	12 Stm. Gen. Feed Pump Trip
77-9	770125	F	2.8	H	3	Loss of Generator Excitation
77-10	770128	F	3.1	H	3	12 Stm. Gen. Flow Calibration - Procedural Error.
77-11	770128	F	3.2	H	3	Frozen Impulse Pressure Feeler Line - Turbine Trip.
77-12	770129	F	3.0	H	3	11, 12 Stm. Gen.Feed Pump Trip

SUMMARY: