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REGULATORY DOCKET FILE COPY

Public Service Electric and Gas Company

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

October 5, 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 September 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

JMZ:dmh

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, D.C. 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	October 5, 1977
COMPLETED BY	J.M. Zupko, Jr.
TELEPHONE	609-365-7000 X507

MONTH September

DAY AVERAGE DAILY POWER LEVEL
(MWe-NET)

1	914
2	1047
3	1077
4	1069
5	1080
6	1070
7	1083
8	1059
9	1056
10	756
11	926
12	1061
13	953
14	752
15	801
16	728

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.	50-272
UNIT	Salem #1
DATE	10/5/77
COMPLETED BY	J.M. Zupko, Jr.
TELEPHONE	609-365-7000 X507

OPERATING STATUS

1. REPORTING PERIOD: September, 1977 GROSS HOURS IN REPORTING PERIOD: 720
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	383.4	1,738.6	1,738.6
6. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
7. HOURS GENERATOR ON LINE	383.4	1,709.3	1,709.3
8. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,175,789	4,810,903	4,810,903
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	387,410	1,558,940	1,558,940
11. NET ELECTRICAL ENERGY GENERATED (MWH)	367,446	1,475,577	1,475,577
12. REACTOR SERVICE FACTOR	53.3	77.9	77.9
13. REACTOR AVAILABILITY FACTOR	53.3	77.9	77.9
14. UNIT SERVICE FACTOR	53.3	76.6	76.6
15. UNIT AVAILABILITY FACTOR	53.3	76.6	76.6
16. UNIT CAPACITY FACTOR (Using MDC)	47.3	61.3	61.3
17. UNIT CAPACITY FACTOR (Using Design MWe)	46.8	60.7	60.7
18. UNIT FORCED OUTAGE RATE	0	8.79	8.79

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. 12, 1977

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	6-30-77

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-272

UNIT NAME Salem #1

DATE October 6, 1977

COMPLETED BY J. M. Zupko, Jr.

TELEPHONE 609-365-7000 X507

REPORT MONTH September, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	OUTAGE DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-108	9-1-77	F	0.0	A	4	Repair #13 Condensate Upper Motor Bearing Reservoir Gasket.
77-109	9-9-77	S	0.0	H	4	Cleaned #11 & #12 Condensate Pump Strainer.
77-110	9-10-77	F	0.0	H	4	Cleaned #12 S.G. Feed Pump Strainer
77-111	9-13-77	F	0.0	H	4	Cleaned #11 & #12 S.G. Feed Pump Strainer.
77-112	9-14-77	F	0.0	H	4	Cleaned #13 Condensate Pump Strainer.
77-113	9-14-77	F	0.0	H	4	Cleaned #12 Condensate Pump Strainer and changed oil in Upper Motor Bearing.
77-114	9-15-77	F	0.0	H	4	Cleaned #12 Condensate and 12 S.G. Feed Pump Strainers.
77-115	9-15-77	F	0.0	H	4	Cleaned #13 Condensate Strainer.
77-116	9-15-77	F	0.0	H	4	Cleaned #12 S.G. Feed Pump Strainer.

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

NO.	DATE	TYPE F: FORCED S: SCHEDULED	OUTAGE DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
77-117	9-16-77	F	0.0	H	4	Cleaned #13 Condensate Pump Strainer.
77-118	9-16-77	S	336.3	B	1	Planned Outage.