

# AVERAGE DAILY UNIT POWER LEVEL

Completed by L. K. Miller

Docket No. 50-272  
 Unit Name Salem # 1  
 Date July 10, 1983  
 Telephone 609-935-6000  
 Extension 4455

Month June 1983

Day Average Daily Power Level  
 (MWe-NET)

1	<u>809</u>
2	<u>1085</u>
3	<u>1087</u>
4	<u>1070</u>
5	<u>1096</u>
6	<u>1087</u>
7	<u>1093</u>
8	<u>1065</u>
9	<u>1107</u>
10	<u>1084</u>
11	<u>1087</u>
12	<u>1081</u>
13	<u>1090</u>
14	<u>1071</u>
15	<u>1186</u>

Day Average Daily Power Level  
 (MWe-NET)

16	<u>982</u>
17	<u>1089</u>
18	<u>1083</u>
19	<u>1084</u>
20	<u>1061</u>
21	<u>1112</u>
22	<u>1091</u>
23	<u>1094</u>
24	<u>1091</u>
25	<u>1105</u>
26	<u>1063</u>
27	<u>1087</u>
28	<u>1080</u>
29	<u>1372</u>
30	<u>1104</u>
31	<u>0</u>

IE 24  
 1/1

# OPERATING DATA REPORT

Docket No. 50-272  
 Date July 10, 1983  
 Telephone 935-6000  
 Extension 4455

Completed by L. K. Miller

## Operating Status

	<u>Salem No. 1</u>	<u>Notes</u>
1. Unit Name	<u>June 1983</u>	
2. Reporting Period		
3. Licensed Thermal Power (MWt)	<u>3338</u>	
4. Nameplate Rating (Gross MWe)	<u>1135</u>	
5. Design Electrical Rating (Net MWe)	<u>1090</u>	
6. Maximum Dependable Capacity (Gross MWe)	<u>1124</u>	
7. Maximum Dependable Capacity (Net MWe)	<u>1079</u>	
8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason	<u>N/A</u>	

9. Power Level to Which Restricted, if any (Net MWe) N/A

10. Reasons for Restrictions, if any N/A

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	<u>720</u>	<u>4343</u>	<u>53352</u>
12. No. of Hrs. Reactor was Critical	<u>720</u>	<u>1214</u>	<u>28939.2</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>2033.4</u>	<u>3006.5</u>
14. Hours Generator On-Line	<u>720</u>	<u>980.3</u>	<u>27628</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2396964</u>	<u>3063272</u>	<u>82233463</u>
17. Gross Elec. Energy Generated (MWH)	<u>814080</u>	<u>1038950</u>	<u>27003800</u>
18. Net Elec. Energy Generated (MWH)	<u>782222</u>	<u>955453</u>	<u>25550306</u>
19. Unit Service Factor	<u>100</u>	<u>22.6</u>	<u>51.8</u>
20. Unit Availability Factor	<u>100</u>	<u>22.6</u>	<u>51.8</u>
21. Unit Capacity Factor (using MDC Net)	<u>100.7</u>	<u>20.4</u>	<u>44.4</u>
22. Unit Capacity Factor (using DER Net)	<u>99.7</u>	<u>20.2</u>	<u>43.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>71.3</u>	<u>31.6</u>
24. Shutdowns scheduled over next 6 months (type, date and duration of each)	<u>N/A</u>		

25. If shutdown at end of Report Period, Estimated Date of Startup:  
N/A

26. Units in Test Status (Prior to Commercial Operation):

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	<u>9/30/76</u>	<u>12/11/76</u>
Initial Electricity	<u>11/1/76</u>	<u>12/25/76</u>
Commercial Operation	<u>12/20/76</u>	<u>6/30/77</u>

UNIT SHUTDOWN AND POWER REDUCTIONS  
REPORT MONTH JUNE 1983

Docket No. 50-272  
Unit Name Salem No.1  
Date July 10, 1983  
Telephone 609-935-6000  
Extension 4455

Completed by L.K. Miller

No.	Date	Type 1	Duration Hours	Reason 2	Method of Shutting Down Reactor	License Event Report	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence Condenser Tube and Water Box Cleaning (incl circ water) Traveling Screen/ Trash Rack Canal Screens
83-058	6/01	F	4.0	B	5	---	HC	HTEXCH	
83-060	6/02	"	2.7	"	"	"	HF	FILTER	
83-062	6/02	"	2.3	"	"	"	"	"	" " "
83-064	6/03	"	3.3	"	"	"	"	"	" " "
83-066	6/03	"	2.9	"	"	"	"	"	" " "
83-068	6/03	"	3.0	"	"	"	"	"	" " "
83-070	6/04	"	4.2	"	"	"	"	"	" " "
83-072	6/07	"	4.7	"	"	"	"	"	" " "
83-074	6/07	"	27.5	"	"	"	"	"	" " "

1  
F: Forced  
S: Scheduled

2 Reason  
A-Equipment Failure-explain  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & Licensing Exam  
F-Administrative  
G-Operational Error-explain  
H-Other-explain

3 Method  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation of  
Previous Outage  
5-Load Reduction  
9-Other

4 Exhibit G  
Instructions  
for Prepara-  
tion of Data  
Entry Sheets  
for Licensee  
Event Report  
(LER) File  
(NUREG 0161)

5 Exhibit 1  
Salem as  
Source

UNIT SHUTDOWN AND POWER REDUCTIONS  
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										Traveling Screen/ Trash Rack Canal Screens
83-076	6/07	F	5.6	B	5	---	HF	FILTER		
83-078	6/08	"	5.1	"	"	"	"	"	"	"
83-080	6/09	"	4.5	"	"	"	"	"	"	"
83-082	6/09	"	5.2	"	"	"	"	"	"	"
83-084	6/10	"	2.7	"	"	"	HC	HTEXCH	Condenser Tube and Water Box Cleaning (incl circ water)	
83-086	6/11	"	3.9	"	"	"	HC	HTEXCH	Condenser Tube and Water Box Cleaning (incl circ water)	
83-088	6/12	"	2.0	"	"	"	HC	HTEXCH	Condenser Tube and Water Box Cleaning (incl circ water)	
83-090	6/13	"	8.8	"	"	"	HF	FILTER	Traveling Screens/ Trash Racks/Canal Screens	
83-092	6/15	"	4.1	"	"	"	"	"	"	"
83-094	6/15	"	1.7	"	"	"	"	"	"	"
83-096	6/16	"	5.0	"	"	"	"	"	"	"

1

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S: Scheduled

2 Reason

A-Equipment Failure-explain  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & Licensing Exam  
F-Administrative  
G-Operational Error-explain  
H-Other-explain

3 Method

1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation of  
Previous Outage  
5-Load Reduction  
9-Other

4 Exhibit G  
Instructions  
for Preparation  
of Data  
Entry Sheets  
for Licensee  
Event Report  
(LER) File  
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5 Exhibit 1  
Salem as  
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UNIT SHUTDOWN AND POWER REDUCTIONS  
REPORT MONTH JUNE 1983

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									Traveling Screens/ Trash Racks/Canal Screens		
83-098	6/18	F	4.4	B	5	---	HF	FILTER			
83-100	6/18	"	7.9	"	"	"	"	"	"	"	"
83-102	6/19	"	9.3	"	"	"	"	"	"	"	"
83-104	6/20	"	3.1	"	"	"	"	"	"	"	"
83-106	6/21	"	2.5	"	"	"	"	"	"	"	"
83-108	6/21	"	0.6	"	"	"	"	"	"	"	"
83-110	6/21	"	4.3	"	"	"	"	"	"	"	"
83-112	6/21	"	1.9	"	"	"	"	"	"	"	"
83-114	6/22	"	3.8	"	"	"	"	"	"	"	"
83-116	6/22	"	2.4	"	"	"	"	"	"	"	"
83-118	6/23	"	2.4	"	"	"	"	"	"	"	"
83-120	6/23	"	3.1	"	"	"	"	"	"	"	"
83-122	6/26	"	2.3	"	"	"	"	"	"	"	"

1  
F: Forced  
S: Scheduled

2 Reason  
A-Equipment Failure-explain  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & Licensing Exam  
F-Administrative  
G-Operational Error-explain  
H-Other-explain

3 Method  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation of  
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4 Exhibit G  
Instructions  
for Prepara-  
tion of Data  
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5 Exhibit 1  
Salem ps  
Source

UNIT SHUTDOWN AND POWER REDUCTIONS  
REPORT MONTH JUNE 1983

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Extension 4455

Completed by L.K. Miller

83-124	6/27	F	3.1	B	5	---	HC	HTEXCH	Condenser Tube and Water Box Cleaning (incl circ water)
83-126	6/29	"	3.2	"	"	"	HF	FILTER	Traveling Water Screens/Trash Racks Canal Screens
83-128	6/29	"	2.7	"	"	"	"	"	" " "
83-130	6/29	"	6.5	"	"	"	"	"	" " "
83-132	6/30	"	1.2	"	"	"	"	"	" " "

1	2 Reason	3 Method	4 Exhibit G	5 Exhibit 1
F: Forced	A-Equipment Failure-explain	1-Manual	Instructions	Salem as
S: Scheduled	B-Maintenance or Test	2-Manual Scram.	for Pi. para	Source
	C-Refueling	3-Automatic Scram.	tion of Data	
	D-Regulatory Restriction	4-Continuation of	Entry Sheets	
	E-Operator Training & Licensing Exam	Previous Outage	for Licensee	
	F-Administrative	5-Load Reduction	Event Report	
	G-Operational Error-explain	9-Other	(LER) File	
	H-Other-explain		(NUREG 0161)	

## MAJOR PLANT MODIFICATIONS

REPORT MONTH JUNE 1983DOCKET NO: 50-272UNIT NAME: SALEM 1DATE: JULY 10, 1983COMPLETED BY: L. K. MILLERTELEPHONE: 609/935-6000 EXT. 4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-0540A	Post Accident Sampling	Addition of a post LOCA containment air and reactor coolant sampling system.
1EC-0637	Fuel Handling Cranes	Modify fuel handling crane to accomodate new fuel racks hook limit.
1EC-1103	Control Room Overhead Annunciators	Replace interim overhead annunciator windows with new permanently engraved finished windows.
1EC-1629	Solid State Protection (R120) and Safeguards (R130)	Revise wiring as required within the auxiliary relay rack #59 and 1RP1 such that components installed via 1EC-0958 and associated wiring meet the separation requirements of CD-S-1, Rev. 5.
1SC-0259	Fire Protection	Install additional fire alarm pull stations at Service Water Intake Structure.
1SC-0665	Liquid Waste Disposal	Remove FT1007 and replace with spool piece.
1SC-0926	Steam Generator Blowdown	Remove present GB186 valves.



MAJOR PLANT MODIFICATIONS  
REPORT MONTH JUNE 1983

DOCKET NO.: 50-272  
UNIT NAME: Salem 1  
DATE: July 10, 1983  
COMPLETED BY: L.K. Miller  
TELEPHONE: 609/935-6000 X4455

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\*DCR NO. 10CFR50.59

SAFETY EVALUATION

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- 1EC-0540A The addition of some minor structural steel members to support non-safety related valves in the post-Loca sampling system does not result in an unreviewed safety question. No unreviewed environmental questions are involved.
- 1EC-0637 The changing of the indexing scales on the fuel handling crane does not alter any presently performed safety analysis nor does it create any new safety hazards. No unreviewed safety or environmental questions are involved.
- 1EC-1103 This change improves the presentation of alarm information and alters no functions. No unreviewed safety or environmental questions are involved.
- 1EC-1629 The wrapping added to the control, instrumentation, and protective systems cables is fire retardant and will enhance plant fire protection. No unreviewed safety or environmental questions are involved.
- 1SC-0259 This change adds more pull stations to more efficiently cover all areas of the service water intake structure. No unreviewed safety questions are involved.
- 1SC-0665 Replacement of a small bore flow meter with a section of flanged pipe does not involve any unreviewed safety questions. Additionally, no unreviewed environmental questions are involved.
- 1SC-0926 The original design concept of the blowdown system remains unchanged. Plant effluent discharges are unaffected. No unreviewed safety or environmental questions are involved.

\* Design Change Request



P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
908933	MD	1	FIRE BARRIER PENS
			FAILURE DESCRIPTION: SURV. 200911-VISUAL INSP AREA 1418 AUX EQUIP AREA 100EL. TAG PENS AS NEC. REPT DESC TO PEN CO-ORD.
			CORRECTIVE ACTION: PERFORMED INSPECTION, TAGGING AND VERIFICATION OF DISCREPANCIES AS PER WORK ORDER. 830413
919929	MD	1	RX BYPASS BKR A
			FAILURE DESCRIPTION: BKR CLOSED & 125VDC CNTRL PWR OFF, BKR REMAINS CLOSED BUT TRIP LIGHT ON CONSOLE COMES ON. 830404
			CORRECTIVE ACTION: REPL 527 RELAY & TESTED BREAKER. LOST CLOSED BUT DID NOT GET GREEN TRIP LIGHT. 830411
922297	MD	1	1C EMERGENCY DIESEL
			FAILURE DESCRIPTION: PRE-LUBE PUMP MAKES EXCESSIVE NOISE APPROXIMATELY 30 SECONDS AFTER IT IS PUT IN SERVICE. 830517
			CORRECTIVE ACTION: INSTALLED NEW PRE-LUBE PUMP 830517
922523	MD	1	11 SW PMP BKR
			FAILURE DESCRIPTION: BKR SMOKED WHILE TRYING TO PUT IN SERVICE. COULD NOT ACKNOWLEDGE STOP PB ON BEZEL. 830505
			CORRECTIVE ACTION: REPL STRING COIL ON BKR. COIL SMOKED (STARTING RELAY), REPL STARTING RELAY (6) RC13-6-2-1. 830516
922637	MD	1	1C EMERGENCY DIESEL
			FAILURE DESCRIPTION: MECHANICAL SEAL ON PRE-LUBE OIL PUMP IS LEAKING. 830509
			CORRECTIVE ACTION: REPLACED SEAL AND CLEANED UP SHAFT. 830516

P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

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WO NO DEPT UNIT EQUIPMENT IDENTIFICATION

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922968 MD 1 11 BOR ACID XFR PMP

FAILURE DESCRIPTION: PUMP HAS BEARING OIL LEAKS. 830307

CORRECTIVE ACTION: REPL. INBD & OTBD OIL SEALS. REPL. SHFT & BRGS. REPL. STANRY & MECH SEALS.  
REALGN & RCRD VIB RDNGS 830317

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923538 MD 1 VALVE 12CC16

FAILURE DESCRIPTION: VLV WILL NOT FULLY CLSE ELECTRLY. MUST MAN CLSE VLV DWN 1 IN. AFTER MOTOR  
STOPS. 830321

CORRECTIVE ACTION: RESET CLSNG TRQ SW TO 2. CLSD IND BEING RECD WITH BOTH PUMPS RUNNING. 830405

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924272 MD 1 INCORE DET SYST

FAILURE DESCRIPTION: DRV A PATH NOR POS LMT SW NEEDS ADJUSTMT & DRVS B & F NEED DET & CABLE ASSY  
REPLACEMENT. 830122

CORRECTIVE ACTION: REPAIRED CH A 5 PATH AND REPLACED B & F DRIVE UNIT CABLES. 830124

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924612 MD 1 1A SEC

FAILURE DESCRIPTION: 1A SEC PASSED SURVL TST M3B EXCEPT WHEN RE-ENERGIZED FAULT TRO LGHT WAS LIT.  
830310

CORRECTIVE ACTION: REPRD BROKEN WIRE IN P4 PLUG TO HORN CKT. REPL BAD PC BDS IN SLOTS 42 & 57.  
REPLACED HORN. 830311

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924654 MD 1 12 BOR ACID XFR PMP

FAILURE DESCRIPTION: PUMP HAS OIL LEAK 830316

CORRECTIVE ACTION: REPL SHFT BRGS, JOHN CRANE MECH SEAL & STNRY SEAL. REINSTALLED, ALIGNED &  
CHECKED VIBR. 830323

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P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

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WO NO DEPT UNIT EQUIPMENT IDENTIFICATION

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924730 MD 1 UNIT 1 & 2 RCP'S

FAILURE DESCRIPTION: INSP UNIT 1&2 RCP'S & VERIFY #3 SEAL SPLASH GUARD IS WHITE TEFLON INSTEAD OF BLCK RUBBER. 830324

CORRECTIVE ACTION: ALL RCP'S CHECKED AND Q/C VERIFIED SAT. 830325

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924801 MD 1 FIRE BARRIER INSP.

FAILURE DESCRIPTION: IO200899-PERF VISUAL INSP AREA 1426 OUTER PPG PEN AREA 100FL. TAG AS NEC. REPT DESC TO CO-ORD 830328.

CORRECTIVE ACTION: INSPECTED AREA, HUNG TAGS, PREPARED MAPS, AND FILLED PENETRATIONS AS NEEDED. 830419

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924825 MD 1 12 B/T PUMP

FAILURE DESCRIPTION: PUMP MECHANICAL SEAL LEAKS. 830329

CORRECTIVE ACTION: REPL MECH SEAL AND STATIONARY SEAL. REALIGNED PUMP & CHECKED VIBRATIONS. READINGS SAT. 830330

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924885 MD 1 GROUP & VITAL BUSSES

FAILURE DESCRIPTION: IO200921-CORRECT UNDER VLTG SETPNT & TIME RESP TST FR VITAL & GROUP BUSSES. 830405

CORRECTIVE ACTION: COMPLTD TENG. INSTALLED NEW TIME DELAY RELAY IN IC. 90% UNDERVOLTAGE CKT. 830413

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924971 MD 1 VALVE 12SW57

FAILURE DESCRIPTION: OPEN AND INSPECT VALVE FOR ANY CLOGGING DUE TO SILT OR SHELL LIFE. 830419

CORRECTIVE ACTION: REMVE VLV, FOUND APPROX 10 PIECES OF PLASTIC 1/4 IN DIA. CLEANED AND REINSTALLED VALVE. 830424

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P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
924972	MD	1	14 CONT. FCU 1 UNIT
			FAILURE DESCRIPTION: OPEN & INSP MTR CLR FOR EVIDENCE OF CLOGGING DUE TO SILT & SHELLS. CHECK BOTTOM OF SEC. CLR. 830419
			CORRECTIVE ACTION: NO BLOCKING FOUND IN MOTOR COOLER OR SECONDARY COOLER. 830425
925369	MD	1	11 SERV WATER PUMP
			FAILURE DESCRIPTION: EXPANSION JOINT ON PUMP DISCHARGE IS CRACKED FROM OVER PRESSURIZATION. 830201
			CORRECTIVE ACTION: REPLACED EXPANSION JOINT 830208
925371	MD	1	VALVE 16SW26
			FAILURE DESCRIPTION: STRAINER BACKWASH VALVE APPEARS TO HAVE BLOWN DIAPHRAM. TELL TALE LEAKING. 830211
			CORRECTIVE ACTION: REPLACED DIAPHRAM 830214
925382	MD	1	1C 125V AC BUS PWR
			FAILURE DESCRIPTION: 1C INVRT AC STBY AVAIL & BEING USED LITES ON/AMMETER @ 40 AMPS. SOLA DENRGZD LITES OUT AMMTR @ 40AMP
			CORRECTIVE ACTION: DEFECTV COIL ON K4 RELAY WHICH CAUSED FUSE F1 TO BLOW. REPL RELAY & FUSE. RESTD INVRT TO SERVICE.
927300	MD	1	12 RCP MOTOR
			FAILURE DESCRIPTION: 12 RCP TRIPPED ON HIGH CURRENT 830129.
			CORRECTIVE ACTION: REMOVED 12 RCP MOTOR FOR REPAIR AND REPLACED WITH 24 RCP MOTOR 830216
928523	MD	1	12 CHILLER CONDENSER
			FAILURE DESCRIPTION: RECIRC PUMP LEAKS WATER EXCESSIVELY. 830209
			CORRECTIVE ACTION: REPLACED MECHANICAL SEAL. 830228

P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

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WO NO    DEPT    UNIT    EQUIPMENT IDENTIFICATION

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928765    MD        1    12 CHILLED WTR PMP

FAILURE DESCRIPTION: PUMP HAS MECHANICAL SEAL LEAK. 830119

CORRECTIVE ACTION: REPLACED INBOARD AND OUTBOARD OIL SEALS. REPLACED MECHANICAL SEAL AND GASKET.  
REALIGNED PUMP 830329

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984782    MD        1    12 STEAM GENERATOR

FAILURE DESCRIPTION: PERFORM UT INSPECTION OF STEAM GENERATOR CIRTH WELD FROM OUTSIDE. 820618

CORRECTIVE ACTION: INSPECTION PERFORMED AND FOUND ACCEPTABLE. 821030

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985811    MD        1    VALVE 1SA119

FAILURE DESCRIPTION: OPEN VALVE FOR INSPECTION BY SITE ENGINEER AND REPAIR AS DIRECTED TO ACHIEVE  
PROPER LEAK RATE 830107.

CORRECTIVE ACTION: REPAIRED AND REASSEMBLED VALVE PER VELAN REP INSTRUCTION. 830107

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991743    MD        1    VALVE OP 12CC3

FAILURE DESCRIPTION: BREAKER KEEPS TRIPPING WHILE TRYING TO OPEN VALVE. 820529

CORRECTIVE ACTION: FOUND MTR WIRED FOR 460V ON 230V PWR SOURCE. MTR SENT OUT FOR REPRS. REBUILT  
& INSTALLED. SAT. 821105

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919731    PD        1    11S/G STM DUMP ATMOS

FAILURE DESCRIPTION: VERIFY OPERABILITY OF LOOP. 830214

CORRECTIVE ACTION: REPLACED HAGAN CONTROLLER IN PC-516E. TEST SAT. 830215

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919734    PD        1    14S/G LVL SETPNT DEV

FAILURE DESCRIPTION: DEVIATION ALARM DOES NOT COME UP 5% FROM LEVEL SETPOINT. 830220

CORRECTIVE ACTION: REPLACED C2,3,4,6, AND 7 IN ISOLATOR 11M-505D. 830220

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P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

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WO NO DEPT UNIT EQUIPMENT IDENTIFICATION

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923072 PD 1 13MS18 ACTUATOR

FAILURE DESCRIPTION: ACTUATOR DISPHRAM IS BLOWN 830301

CORRECTIVE ACTION: REPLACED DIAPHRAM & ACTUATOR PACKING. TIGHTENED YOKE STROKED VLV & SET LIM SWITCHS. OPERTS SAT. 830301

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923100 PD 1 RMS 1R41B

FAILURE DESCRIPTION: CHANNEL FAILED HIGH. 830306

CORRECTIVE ACTION: REPL ACIA'S IN LOCAL CNTRLR, ADJUSTED LOCAL CNTRLR FOR MORE POS PIN CNCT. TESTD SAT 830307

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923224 PD 1 CONTAINMENT D/P IND

FAILURE DESCRIPTION: CHCK D/P GAGE CAL-CURRENTLY DOING 4 TO 6 RELIEFS/DAY, CAN'T GET PRESS GREATER THAN .125. 830209

CORRECTIVE ACTION: CALIBRATED CONSOLE INDICATOR 1PA-96071B. TESTED SAT. 830301

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925216 PD 1 A & B RX TRIP BKRS

FAILURE DESCRIPTION: 12 S/G LOLO LEVEL FAILED TO TRIP RX TRIP BKRS WHEN SIGNAL WAS RECEIVED. 830225

CORRECTIVE ACTION: VERFD TRIP SIGNAL TO SSPS. VERFD SSPS OUTPUT TO UV COILS. REPLACED BKRS WITH UNIT 2 BKRS. 830225

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925243 PD 1 11 RCP SEAL RETURN

FAILURE DESCRIPTION: NO FLOW INDICATION ON SEAL RETURN RECORDER. FLOW HAS BEEN VERIFIED.

CORRECTIVE ACTION: VERIFIED S&K NOT STUCK. OPRTR RAISED RCS PRESS TO 340 PSI & LOWERED VCT TO 20PSI. IND NORM 830229

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925421 PD 1 VALVE 1CV55

FAILURE DESCRIPTION: INCREASE SETPOINT. CAN GET ONLY 82 GPM OUT OF 11 CHARGING PUMP 830212.

CORRECTIVE ACTION: VERIFIED MAX FLOW OF 105 GPM 820214

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P S E & G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
927506	PD	1	PRZR PRESSURE CONTRL
			FAILURE DESCRIPTION: CHANNEL OUT OF CALIBRATION. 830106
			CORRECTIVE ACTION: REPLACED SUMMATOR. 830303
927537	PD	1	PRZR LEVEL CHANNEL 3
			FAILURE DESCRIPTION: CH3 READS 6% HIGHER THAN CH 2. 830104
			CORRECTIVE ACTION: REMOVED LT-461 FROM SERVICE. DRAINED RED LEG FOR MAINT TO WELD LEAKING CONNECTION. 830205
927651	PD	1	REACTOR TRIP BKRS
			FAILURE DESCRIPTION: PERFORM TIME RESPONSE ON A MAIN, B MAIN, AND A BYPASS AND P BYPASS BREAKERS. 830310
			CORRECTIVE ACTION: COMPLETED TIME RESPONSE ON A AND B MAIN AND BYPASS REACTOR TRIP BREAKERS. 830310
927652	PD	1	13 CNINMT FCU
			FAILURE DESCRIPTION: INVESTIGATE FLOW PROBLEM WHILE PERFORMING IO ON TRANSMITTERS 830311
			CORRECTIVE ACTION: BLEW DWN XMITTERS & BLED AIR FROM XMITTERS. ON HIGH SPEED BKR TRIPS 50% OF TIME FLOW GOOD BOTH SPEEDS
927721	PD	1	RMS CH 1R46E
			FAILURE DESCRIPTION: CHANNEL INDICATES HI ALARM, WARN AND FAILURE. 830225
			CORRECTIVE ACTION: FUND HI VOLTAGE CKT INOPERABLE. REPLACED R1,R2,Q1,Q2,CR2, AND CR3. CALIBRATED CHANNEL. 830303
986736	PD	1	11 S/G STEAM FLOW
			FAILURE DESCRIPTION: CHANNEL OUT OF CALIBRATION 830224
			CORRECTIVE ACTION: REPL C11 & C12 IN CLOCK CKT. REALIGNED MULTIPLIER 1 FM-513B & SQR ROOT AMP 1FM-513C. COMPL CAL. 830224



SALEM UNIT 1

OPERATIONS SUMMARY REPORT

JUNE 1983

Unit No. 1 began the month at full power and continued to maintain 100% power throughout the period, acheiving a total net generation of 782222 MWH. This is the highest total net generation for the unit for a thirty (30) day month since the beginning of commercial operation.

## REFUELING INFORMATION

COMPLETED BY: L.K. Miller

DOCKET NO.: 50-272  
UNIT NAME: Salem 1  
DATE: July 10, 1983  
TELEPHONE: 609/935-6000  
EXTENSION: 4455

Month June 1983

1. Refueling information has changed from last month:  
YES X NO
2. Scheduled date for next refueling: August 4, 1984
3. Scheduled date for restart following refueling: October 21, 1984
4. A) Will Technical Specification changes or other license amendments be required?  
YES        NO         
NOT DETERMINED TO DATE 7/1/83
- B) Has the reload fuel design been reviewed by the Station Operating Review Committee?  
YES        NO X  
If no, when is it scheduled? July 1983
5. Scheduled date(s) for submitting proposed licensing action:  
July 1984 (if required)
6. Important licensing considerations associated with refueling:  
NONE
7. Number of Fuel Assemblies:  
A) Incore 193  
B) In Spent Fuel Storage 212
8. Present licensed spent fuel storage capacity: 1170  
Future spent fuel storage capacity: 1170
9. Date of last refueling that can be discharged to spent fuel pool assuming the present licensed capacity: September 1996

8-1-7.R4



**PSEG**

Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

July 10, 1983

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

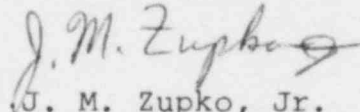
Dear Sir:

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 June 1983 are being sent to you.

Average Daily Unit Power Level  
Operating Data Report  
Unit Shutdowns and Power Reductions  
Major Plant Modification  
Summary of Safety Related Maintenance  
Operating Summary  
Refueling Information

Sincerely yours,



J. M. Zupko, Jr.  
General Manager - Salem Operations

LKM:sbh

cc: Dr. Thomas E. Murley  
Acting Regional Administrator USNRC  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Director, Office of Management  
Information and Program Control  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Enclosures  
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