

Exelon Generation Company, LLC  
LaSalle County Station  
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March 9, 2001

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555


LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Subject: Monthly Operating Report for February 2001

Enclosed is the Exelon Generation Company (EGC), LLC, LaSalle County Station, Monthly Operating Report covering the period from February 1 through February 28. This report is submitted in accordance with Technical Specification 6.6.A.5.

Should you have any questions concerning this letter, please contact Mr. Bill Riffer, Regulatory Assurance Manager, at (815) 357-6761, extension 2383.

Respectfully,



Charles G. Pardee  
Site Vice President  
LaSalle County Station

Enclosure

cc: Regional Administrator - NRC Region III  
NRC Senior Resident Inspector - LaSalle County Station

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LASALLE COUNTY STATION  
UNIT 1 AND UNIT 2  
MONTHLY PERFORMANCE REPORT

EXELON COMPANY

NRC DOCKET NO. 50-373  
NRC DOCKET NO. 50-374

LICENSE NO. NPF-11  
LICENSE NO. NPF-18

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**I. Monthly Report for LaSalle County Station Unit One—February 2001**

**A. OPERATING DATA SUMMARY FOR UNIT ONE**

**DOCKET NO.:** 50-373  
**UNIT:** LaSalle One  
**DATE:** March 2, 2001  
**COMPLETED BY:** A. Duncan  
**TELEPHONE:** (815) 357-6761 x2787

1. Reporting Period: February 2001      Gross Hours: 672
2. Currently Authorized Power Level: 3489 (MWt)  
Design Electrical Rating: 1154 (MWe-net)  
Max Dependable Capacity: 1114 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		<b>THIS MONTH</b>	<b>YEAR-TO-DATE</b>	<b>CUMULATIVE</b>
5.	Reactor Critical Hours	637.6	1379.4	100306.5
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1641.2
7.	Hours Generator On-Line	623.6	1365.4	98127.2
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWh)	2055084.2	4616073.1	297514369.4
10.	Gross Electric Energy (MWe)	706964.0	1579974.0	99752245.0
11.	Net Electrical Energy (MWe)	686531.0	1535763.0	96300966.0
12.	Reactor Service Factor (%)	94.9	97.4	66.7
13.	Reactor Availability Factor (%)	94.9	97.4	67.7
14.	Unit Service Factor (%)	92.8	96.4	65.2
15.	Unit Availability Factor	92.8	96.4	65.2
16.	Unit Capacity Factor (MDC)	91.7	97.4	60.0
17.	Unit Capacity Factor (design MWe)	88.5	94.0	57.7
18.	Unit Forced Outage Factor (%)	7.2	3.6	12.0

19. Shutdowns Scheduled Over Next 6 Months: None
20. If Shutdown at End of Report Period, Date of Startup: N/A

B. UNIT SHUTDOWNS AND OPERATING SUMMARY

REPORT MONTH February 2001

NO	DATE	TYPE (1)	DURATION (HOURS)*	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
None						

\* Year-to-date forced outage hours = 48.4  
Cumulative forced outage hours = 13336.6

TABLE KEY:

(1)  
F: Forced  
S: Scheduled

(2)  
Reason:  
A Equipment Failure (Explain)  
B Maintenance or Test  
C Refueling  
D Regulatory Restriction  
E Operator / Licensing Exam  
F Administrative  
G Operational Error (Explain)  
H Other (Explain)

(3)  
Method:  
1. Manual  
2. Manual Scram  
3. Automatic Scram  
4. Continuation  
5. Other (Explain)

SUMMARY:

LaSalle Unit 1 operated at full power during February 2001, with the exception of the following:

- February 1, 2001 (000) – The unit started the month shutdown from a unit scram on January 31. The unit went critical at 1027 hours on February 2. The unit reached full power at 0405 hours on February 5. Total duration of the outage for this month was 100 hours and 5 minutes.
- February 25, 2001 (0400)—The unit dropped to 980 MWe for monthly Turbine control valve testing. The unit returned to full power at 0709 hours. Total duration of the load drop was 3 hours and 9 minutes.

C. UNIQUE REPORTING REQUIREMENTS FOR UNIT ONE

- Challenges other than routine surveillance testing to Safety/Relief Valve Operations—None
- Major Changes to Radioactive Waste Treatment System—None

## II. Monthly Report for LaSalle County Station Unit Two--February 2001

### A. OPERATING DATA SUMMARY FOR UNIT TWO

**DOCKET NO.:** 50-374  
**UNIT:** LaSalle Two  
**DATE:** March 2, 2001  
**COMPLETED BY:** A. Duncan  
**TELEPHONE:** (815) 357-6761 x2787

1. Reporting Period: February 2001      Gross Hours: 672
2. Currently Authorized Power Level: 3489 (MWt)  
Design Electrical Rating: 1154 (MWe-net)  
Max Dependable Capacity: 1114 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		THIS MONTH	YEAR-TO-DATE	CUMULATIVE
5.	Reactor Critical Hours	672.0	1416.0	93036.2
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1716.9
7.	Hours Generator On-Line	672.0	1416.0	91850.0
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWhT)	2225402.3	4814811.0	282995327.4
10.	Gross Electric Energy (MWHe)	766709.0	1662544.0	95039004.0
11.	Net Electrical Energy (MWHe)	744271.0	1614945.0	91261367.0
12.	Reactor Service Factor (%)	100.0	100.0	64.8
13.	Reactor Availability Factor (%)	100.0	100.0	66.0
14.	Unit Service Factor (%)	100.0	100.0	64.0
15.	Unit Availability Factor	100.0	100.0	64.0
16.	Unit Capacity Factor (MDC)	99.4	102.4	60.1
17.	Unit Capacity Factor (design MWe)	96.0	98.8	57.8
18.	Unit Forced Outage Factor (%)	0.0	0.0	17.1

19. Shutdowns Scheduled Over Next 6 Months: None
20. If Shutdown at End of Report Period, Date of Startup: N/A

B. UNIT SHUTDOWNS AND OPERATING SUMMARY

REPORT MONTH February 2001

NO	DATE	TYPE (1)	DURATION (HOURS)*	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
None						

- \* Year-to-date forced outage hours = 0.0  
Cumulative forced outage hours = 18988.0

TABLE KEY:

(1)  
F: Forced  
S: Scheduled

(2)  
Reason:  
A Equipment Failure (Explain)  
B Maintenance or Test  
C Refueling  
D Regulatory Restriction  
E Operator / Licensing Exam  
F Administrative  
G Operational Error (Explain)  
H Other (Explain)

(3)  
Method:  
1. Manual  
2. Manual Scram  
3. Automatic Scram  
4. Continuation  
5. Other (Explain)

SUMMARY:

LaSalle Unit 2 operated at full power during February 2001, with the exception of the following

- February 1, 2001 (0000) – The unit Started the month at 920 MWe due to an electrical transient from Unit 1 scram on January 31, causing a heater drain pump trip. The unit returned to full power at 0625 hours. Total duration of the load drop for the month was 6 hours and 25 minutes.
- February 9, 2001 (0000) – The unit dropped to 900 MWe for 2B Turbine Driven Reactor Feedwater Pump (TDRFP) work. The unit returned to full power at 1000 hours on February 12. Total duration of the load drop was 82 hours.
- February 16, 2001 (0001) – The unit dropped to 920 MWe for 2A TDRFP work. The unit returned to full power at 0900 hours on February 19. Total duration of the load drop was 80 hours and 59 minutes.

C. UNIQUE REPORTING REQUIREMENTS FOR UNIT TWO

- Challenges other than routine surveillance testing to Safety/Relief Valve Operations–None
- Major Changes to Radioactive Waste Treatment Systems–None