

Exelon Generation Company, LLC  
LaSalle County Station  
2601 North 21<sup>st</sup> Road  
Marseilles, IL 61341-9757

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January 15, 2003

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 December 2002

Enclosed is the Exelon Generation Company (EGC), LLC, Monthly Operating Report for LaSalle County Station covering the period from December 1 through December 31, 2002. This report is submitted in accordance with Technical Specification 5.6.4.

Should you have any questions concerning this letter, please contact Mr. Glen T. Kaegi, Regulatory Assurance Manager, at (815) 415-2800.

Respectfully,



*for* Glen T. Kaegi  
Regulatory Assurance Manager  
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 GENERATION 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-December 2002**

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

**DOCKET NO.:** 50-373  
**UNIT:** LaSalle One  
**DATE:** January 8, 2002  
**COMPLETED BY:** S. Du Pont  
**TELEPHONE:** (815) 415-2197

1. Reporting Period: December 2002 Gross Hours: 744
2. Currently Authorized Power Level: 3489 (MWt)  
 Design Electrical Rating: 1154 (MWe-net)  
 Max Dependable Capacity: 1111 (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	744.0	7994.7	115645.2
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1641.2
7.	Hours Generator On-Line	744.0	7945.7	113416.9
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWhT)	2591729.0	26821789.6	349806171.6
10.	Gross Electric Energy (MWhE)	892850.0	9134861.0	117449032.0
11.	Net Electrical Energy (MWhE)	873119.0	8927595.0	113543161.0
12.	Reactor Service Factor (%)	100.0	91.3	69.4
13.	Reactor Availability Factor (%)	100.0	91.3	70.4
14.	Unit Service Factor (%)	100.0	90.7	68.1
15.	Unit Availability Factor	100.0	90.7	68.1
16.	Unit Capacity Factor (MDC)	105.6	91.7	63.7
17.	Unit Capacity Factor (design MWe)	101.7	88.3	61.2
18.	Unit Forced Outage Factor (%)	0.0	0.0	10.5

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 DECEMBER 2002

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 = 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 for the month of December 2002, with the exception of the following:

- December 1 (0200) – Power was reduced to 925 MWe to perform rod pattern adjustment and surveillance testing. The unit was returned to full power at 0544 hours on December 1. The total duration of the power reduction was 3 hours and 44 minutes.
- December 20 (0200) – Power was reduced to 1000 MWe for operation of heater drain pumps. The unit was returned to full power at 0412 hours on December 20. The total duration of the power reduction was 2 hours and 12 minutes.

C. UNIQUE REPORTING REQUIREMENTS FOR UNIT ONE

1. Challenges other than routine surveillance testing to Safety/Relief Valve Operations–None
2. Major Changes to Radioactive Waste Treatment System–None

## II. Monthly Report for LaSalle County Station Unit Two-December 2002

### A. OPERATING DATA SUMMARY FOR UNIT TWO

**DOCKET NO.:** 50-374  
**UNIT:** LaSalle Two  
**DATE:** January 8, 2002  
**COMPLETED BY:** S. Du Pont  
**TELEPHONE:** (815) 415-2197

1. Reporting Period: December 2002 Gross Hours: 744
2. Currently Authorized Power Level: 3489 (MWt)  
Design Electrical Rating: 1154 (MWe-net)  
Max Dependable Capacity: 1111 (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	744.0	8136.2	108353.9
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1716.9
7.	Hours Generator On-Line	744.0	8078.8	107029.4
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWhT)	2498741.5	27215291.2	334657854.9
10.	Gross Electric Energy (MWhE)	853216.0	9210773.0	112568262.0
11.	Net Electrical Energy (MWhE)	834334.0	8995589.0	108325441.0
12.	Reactor Service Factor (%)	100.0	92.9	67.9
13.	Reactor Availability Factor (%)	100.0	92.9	69.0
14.	Unit Service Factor (%)	100.0	92.2	67.1
15.	Unit Availability Factor	100.0	92.2	67.1
16.	Unit Capacity Factor (MDC)	100.9	92.4	63.8
17.	Unit Capacity Factor (design MWe)	97.2	89.0	61.3
18.	Unit Forced Outage Factor (%)	0.0	0.1	15.2

19. Shutdowns Scheduled Over Next 6 Months: Refuel outage L2R09 is scheduled for January 21, 2003.
20. If Shutdown at End of Report Period, Date of Startup: N/A

B. UNIT SHUTDOWNS AND OPERATING SUMMARY

REPORT MONTH DECEMBER 2002

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

\* Year-to-date forced outage hours = 10.8  
 Cumulative forced outage hours = 19242.2

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 commenced coastdown on December 1 at 0500 hours and operated with decreasing MWe output during December 2002, with the exception of the following:

- December 22 (0200) – Power was reduced from 1112 MWe to 900 MWe to perform intermediate rod cycling and to implement final feedwater temperature reduction to increase reactor thermal power output during coastdown. The unit was restored to 1155 MWe (coastdown) at 2025 hours on December 22. The duration of the power reduction was 18 hours and 25 minutes.

C. UNIQUE REPORTING REQUIREMENTS FOR UNIT TWO

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