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May 15, 2002

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

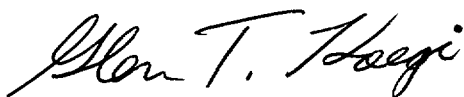
LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Subject: Monthly Operating Report for April 2002

Enclosed is the Exelon Generation Company (EGC), LLC, Monthly Operating Report for LaSalle County Station covering the period from April 1 through April 30, 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,



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-April 2002**

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

**DOCKET NO.:** 50-373  
**UNIT:** LaSalle One  
**DATE:** May 3, 2002  
**COMPLETED BY:** R. Williams  
**TELEPHONE:** (815) 415-2815

1. Reporting Period: April 2002 Gross Hours: 719
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	719.0	2304.9	109955.4
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1641.2
7.	Hours Generator On-Line	719.0	2274.2	107745.4
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWh <sub>t</sub> )	2498092.6	7490846.4	330475228.5
10.	Gross Electric Energy (MWh <sub>e</sub> )	860410.0	2559781.0	110873952.0
11.	Net Electrical Energy (MWh <sub>e</sub> )	846770.0	2502683.0	107118249.0
12.	Reactor Service Factor (%)	100.0	80.1	68.4
13.	Reactor Availability Factor (%)	100.0	80.1	69.4
14.	Unit Service Factor (%)	100.0	79.0	67.0
15.	Unit Availability Factor	100.0	79.0	67.0
16.	Unit Capacity Factor (MDC)	106.0	78.2	62.4
17.	Unit Capacity Factor (design MWe)	102.1	75.3	59.9
18.	Unit Forced Outage Factor (%)	0.0	0.0	11.0

19. Shutdowns Scheduled Over Next 6 Months: Maintenance Outage L1P03 is scheduled for May 18, 2002.
20. If Shutdown at End of Report Period, Date of Startup: N/A

B. UNIT SHUTDOWNS AND OPERATING SUMMARY

REPORT MONTH APRIL 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 entire month of April 2002, with the exception of the following:

- April 28, 2002 (0030) – The unit reduced power to 945 MWe for turbine control valve monthly surveillance testing, in addition to main steam isolation valve scram functional quarterly surveillance testing. The unit returned to full power at 1930 hours on April 28, 2002. Total duration of the power reduction was 19 hours.

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-April 2002

### A. OPERATING DATA SUMMARY FOR UNIT TWO

**DOCKET NO.:** 50-374  
**UNIT:** LaSalle Two  
**DATE:** May 3, 2002  
**COMPLETED BY:** R. Williams  
**TELEPHONE:** (815) 415-2815

1. Reporting Period: April 2002 Gross Hours: 719
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	355.8	2515.8	102733.5
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1716.9
7.	Hours Generator On-Line	336.5	2485.7	101436.3
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWh <sub>t</sub> )	1072652.9	8370712.2	315813276.0
10.	Gross Electric Energy (MWh <sub>e</sub> )	364396.0	2857022.0	106214511.0
11.	Net Electrical Energy (MWh <sub>e</sub> )	352196.0	2789474.0	102119326.0
12.	Reactor Service Factor (%)	49.5	87.4	66.8
13.	Reactor Availability Factor (%)	49.5	87.4	68.0
14.	Unit Service Factor (%)	46.8	86.3	66.0
15.	Unit Availability Factor	46.8	86.3	66.0
16.	Unit Capacity Factor (MDC)	44.1	87.2	62.5
17.	Unit Capacity Factor (design MWe)	42.4	84.0	60.1
18.	Unit Forced Outage Factor (%)	0.0	0.4	15.9

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 APRIL 2002

NO	DATE	TYPE (1)	DURATION (HOURS)*	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
1	4/9/02	S	382.5	B	1	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 operated at full power during April 2002, with the exception of the following:

- April 8, 2002 (1952) – A power reduction from full power was initiated to shut down the unit in preparation for planned maintenance outage L2P01.
- April 9, 2002 (0048) – The unit entered planned maintenance outage L2P01. The unit remained in the maintenance outage through April 24, 2002.
- April 24, 2002 (0756) – The unit was taken critical in preparation for startup from outage L2P01.
- April 24, 2002 (2317) – The unit was synchronized to the grid at 129 MWe, completing L2P01. The total duration on the outage was 382 hours 29 minutes. Full power was achieved at 0549 on April 27, 2002. The unit was maintained at full power for the remainder of the month.

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