

Commonwealth Edison Company
LaSalle Generating Station
2601 North 21st Road
Marseilles, IL 61341-9757
Tel 815-357-6761



January 14, 2000

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

Enclosed is the Commonwealth Edison (ComEd) Company, LaSalle County Station, Monthly Operating Report covering the period from December 1, 1999 through December 31, 1999. This report is submitted in accordance with Technical Specification 6.6.A.5.

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

Respectfully,

A handwritten signature in black ink, appearing to read "Jeffrey A. Benjamin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jeffrey A. Benjamin
Site Vice President
LaSalle County Station

Enclosure

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

LASALLE COUNTY STATION
UNIT 1 AND UNIT 2
MONTHLY PERFORMANCE REPORT
COMMONWEALTH EDISON COMPANY

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

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

TABLE OF CONTENTS

- I. Monthly Report for LaSalle Unit One
 - A. Operating Data Summary
 - B. Unit Shutdowns and Operating Summary
 - C. Unique Reporting Requirements

- II. Monthly Report for LaSalle Unit Two
 - A. Operating Data Summary
 - B. Unit Shutdowns and Operating Summary
 - C. Unique Reporting Requirements

I. Monthly Report for LaSalle County Station Unit One--December, 1999

A. OPERATING DATA SUMMARY FOR UNIT ONE

DOCKET NO.: 50-373
UNIT: LaSalle One
DATE: January 5, 2000
COMPLETED BY: S. Anderson
TELEPHONE: (815) 357-6761 x2620

1. Reporting Period: December, 1999 Gross Hours: 744
2. Currently Authorized Power Level: 3,323 (MWt)
 Design Electrical Rating: 1,078 (MWe-net)
 Max Dependable Capacity: 1,036 (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	8,019.2	90,143.1
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1,641.2
7.	Hours Generator On-Line	744	7,964.2	87,977.8
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWhT)	2,467,932	24,506,553	263,185,903
10.	Gross Electric Energy (MWhE)	842,402	8,269,668	88,131,919
11.	Net Electrical Energy (MWhE)	818,604	8,013,684	85,019,810
12.	Reactor Service Factor (%)	100.0	91.5	64.3
13.	Reactor Availability Factor (%)	100.0	91.6	65.4
14.	Unit Service Factor (%)	100.0	90.9	62.7
15.	Unit Availability Factor	100.0	90.9	62.7
16.	Unit Capacity Factor (MDC)	106.2	88.3	58.5
17.	Unit Capacity Factor (design MWe)	102.1	84.9	56.2
18.	Unit Forced Outage Factor (%)	0.0	0.7	13.1

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 DECEMBER 1999

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

* Year-to-date forced outage hours = 59.5
 Cumulative forced outage hours = 13,286.0

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 1 operated at full power during December 1999, with the exception of the following:

- December 7, 1999 1940 – Due to concerns that reactor power may have been calculated inaccurately in the non-conservative direction, Unit 1 was reduced to approximately 99.5% of rated reactor power. The concern centered around the lack of a temperature correction factor for feedwater flow used in the reactor thermal power calculation. The proper correction factors were applied and Unit 1 returned to rated reactor power at 2345 on December 10, 1999. The load drop lasted 3 days and 4 hours.
- December 26, 1999 0430 – A load drop was taken to support scheduled surveillance testing. Testing activities were completed and the unit returned to full power at 0701, a total duration of 2.5 hours.
- December 31, 1999 2200 – A load drop was taken to support Electric Operations Y2K contingency plans for maintaining grid stability. Unit 1 remained at reduced power for the remainder of the month of December.

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, 1999

A. OPERATING DATA SUMMARY FOR UNIT TWO

DOCKET NO.: 50-374
UNIT: LaSalle Two
DATE: January 5, 2000
COMPLETED BY: S. Anderson
TELEPHONE: (815) 357-6761 x2620

1. Reporting Period: December, 1999 Gross Hours: 744
2. Currently Authorized Power Level: 3,323 (MWt)
 Design Electrical Rating: 1,078 (MWe-net)
 Max Dependable Capacity: 1,036 (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	6,318.6	83,347.0
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1,716.9
7.	Hours Generator On-Line	744	6,233.1	82,203.3
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWht)	2,468,012	20,236,229	250,758,916
10.	Gross Electric Energy (MWhe)	851,284	6,867,272	84,043,196
11.	Net Electrical Energy (MWhe)	825,681	6,632,333	80,605,976
	Reactor Service Factor (%)	100.0	72.1	62.5
13.	Reactor Availability Factor (%)	100.0	72.1	63.8
14.	Unit Service Factor (%)	100.0	71.2	61.7
15.	Unit Availability Factor	100.0	71.2	61.7
16.	Unit Capacity Factor (MDC)	107.1	73.1	58.4
17.	Unit Capacity Factor (design MWe)	102.9	70.2	56.1
18.	Unit Forced Outage Factor (%)	0.0	28.9	18.7

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 1999

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

* Year-to-date forced outage hours = 2,527.7
 Cumulative forced outage hours = 18,920.0

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 throughout the month of December with the exception of the following:

- December 7, 1999 1940 – Due to concerns that reactor power may have been calculated inaccurately in the non-conservative direction, Unit 2 was reduced to approximately 99.5% of rated reactor power. The concern centered on the lack of a proper temperature correction factor for feedwater flow used in the reactor thermal power calculation. The proper correction factors were applied and Unit 2 returned to rated reactor power at 2333 on December 10, 1999. The load drop lasted for roughly 3 days and 4 hours.
- December 18, 1999 0345 – A load drop was taken to support scheduled surveillance testing. Testing activities were completed and the unit returned to service at 0505, with a total duration of one hour and 20 minutes.
- December 31, 1999 2125 – A load drop was taken to support Electric Operations Y2K contingency plans for maintaining grid stability. Unit 2 remained at reduced power for the remainder of the month of December.

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