

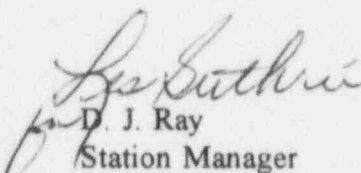
Commonwealth Edison Company  
LaSalle Generating Station  
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February 12, 1996

U.S. Nuclear Regulatory Commission  
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Washington, D.C. 20555

Enclosed for your information is the monthly performance report covering  
LaSalle County Nuclear Power Station for January, 1996.

  
D. J. Ray  
Station Manager  
LaSalle County Station

DJR/mkl

Enclosure

cc: H. J. Miller, Regional Administrator - Region III  
NRC Senior Resident Inspector - LaSalle  
IL Department of Nuclear Safety - LaSalle  
IL Department of Nuclear Safety - Springfield, IL  
NRR Project Manager - Washington, D.C.  
GE Representative - LaSalle  
Regulatory Assurance Supervisor - LaSalle  
Licensing Operations Director - Downers Grove  
Nuclear Fuel Services Manager - General Office  
Off-Site Safety Review Senior Participant - Downers Grove  
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LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

January 1996

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

TABLE OF CONTENTS  
(UNIT 1)

I. INTRODUCTION

II. REPORT

A. SUMMARY OF OPERATING EXPERIENCE

B. AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

C. LICENSEE EVENT REPORTS

D. DATA TABULATIONS

1. Operating Data Report
2. Average Daily Unit Power Level
3. Unit Shutdowns and Power Reductions

E. UNIQUE REPORTING REQUIREMENTS

1. Main Steam Safety Relief Valve Operations
2. Major Changes to Radioactive Waste Treatment System
3. Static O-Ring Failures
4. Off-Site Dose Calculation Manual Changes

I. INTRODUCTION (UNIT 1)

The LaSalle County Nuclear Power Station is a two-Unit facility owned by Commonwealth Edison Company and located near Marseilles, Illinois. Each unit is a Boiling Water Reactor with a designed net electrical output of 1078 Megawatts. Waste heat is rejected to a man-made cooling pond using the Illinois river for make-up and blowdown. The architect-engineer was Sargent and Lundy and the contractor was Commonwealth Edison Company.

Unit one was issued operating license number NPF-11 on April 17, 1982. Initial criticality was achieved on June 21, 1982 and commercial power operation was commenced on January 1, 1984.

This report was compiled by Michael J. Cialkowski, telephone number (815) 357-6761, extension 2056.

## II. MONTHLY REPORT

### A. SUMMARY OF OPERATING EXPERIENCE (Unit 1)

<u>Day</u>	<u>Time</u>	<u>Event</u>
1	0000	Reactor critical, Generator on-line at 860 Mwe, unit in coastdown for upcoming refuel outage.
12	1300	Reduced power level to 790 Mwe for performance of a rod set.
	1600	Increased power level to 840 Mwe.
23	0100	Reduced power level to 750 Mwe to take the Condensate/Condensate Booster Pump off-line.
	0200	Increased power level to 800 Mwe.
25	0617	Main Turbine trip, commenced refuel outage (L1R07).
	0932	Manual reactor scram.
31	2400	Reactor sub-critical, Generator off-line, refuel outage in progress.

### B. AMENDMENTS TO THE FACILITY OR TECHNICAL SPECIFICATION

On January 3, 1996, Amendment 108 was issued to license NPF-11 (Unit 1). This amendment revised the Safety Relief Valve setpoint tolerance from +3,-0% to +3%.

### C. SUBMITTED LICENSEE EVENT REPORTS (Unit 1) (None)

### D. DATA TABULATIONS (Unit 1)

1. Operating Data Report (See Table 1)
2. Average Daily Unit Power Level (See Table 2)
3. Unit Shutdowns and Significant Power Reductions (See Table 3)

### E. UNIQUE REPORTING REQUIREMENTS (UNIT 1)

1. Safety Relief Valve Operations  
(None)
2. Major Changes to Radioactive Waste Treatment Systems  
(None)
3. Static O-Ring Failures  
(None)
4. Changes to the Off-Site Dose Calculation Manual  
(None)

TABLE 1  
D.1 OPERATING DATA REPORT

DOCKET NO. 050-373  
UNIT LASALLE ONE  
DATE February 9, 1996  
COMPLETED BY M.J. CIALKOWSKI  
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD:	January 1996	GROSS HOURS IN REPORTING PERIOD	744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt):	3,323	MAX DEPEND CAPACITY (MWe-Net):	1,036
		DESIGN ELECTRICAL RATING (MWe-N	1,078

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net):

4. REASONS FOR RESTRICTION (IF ANY):

	REPORTING PERIOD DATA		
	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
5. REACTOR CRITICAL TIME (HOURS)	585.5	585.5	75,527.5
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	582.3	582.3	73,922.4
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWh <sub>t</sub> )	1,411,768	1,411,768	219,866,585
10. ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> -Gross)	470,404	470,404	73,514,256
11. ELECTRICAL ENERGY GENERATED (MWh <sub>e</sub> -Net)	449,263	449,263	70,587,691
12. REACTOR SERVICE FACTOR (%)	78.7	78.7	71.3
13. REACTOR AVAILABILITY FACTOR (%)	78.7	78.7	72.8
14. UNIT SERVICE FACTOR (%)	78.3	78.3	69.8
15. UNIT AVAILABILITY FACTOR (%)	78.3	78.3	69.8
16. UNIT CAPACITY FACTOR (USING MDC) (%)	58.3	58.3	64.3
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	56.0	56.0	61.8
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	7.8

19. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): REFUEL, 01/25/96, 9 WEEKS

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 03/29/96

TABLE 2  
D.2 AVERAGE DAILY UNIT POWER LEVEL (MWe-Net)

DOCKET NO. 050-373  
UNIT LASALLE ONE  
DATE February 9, 1996  
COMPLETED BY M.J. CIALKOWSKI  
TELEPHONE (815)-357-6761

REPORT PERIOD: January 1996

DAY	POWER	DAY	POWER
1	807	17	784
2	803	18	779
3	800	19	774
4	796	20	769
5	795	21	766
6	792	22	761
7	789	23	758
8	785	24	728
9	781	25	50
10	776	26	-12
11	775	27	-12
12	782	28	-12
13	787	29	-12
14	780	30	-12
15	787	31	-12
16	787		

TABLE 3

D.3 UNIT SHUTDOWNS AND POWER REDUCTIONS > 20%  
(UNIT 1)

<u>YEARLY SEQUENTIAL NUMBER</u>	<u>DATE (YYMMDD)</u>	<u>TYPE F: FORCED S: SCHEDULED</u>	<u>DURATION (HOURS)</u>	<u>REASON</u>	<u>METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER</u>	<u>CORRECTIVE ACTIONS/COMMENTS (LER # if applicable)</u>
01	960125	S	161.7	C	2	Refuel outage (L1R07)

SUMMARY OF OPERATION: The unit started the month in a coastdown condition for the pending refuel outage. The Main Turbine was removed from service and the Reactor was manually scrammed on 01/25/96 to start refuel outage L1R07.



LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

January 1996

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

TABLE OF CONTENTS  
(UNIT 2)

I. INTRODUCTION

II. REPORT

A. SUMMARY OF OPERATING EXPERIENCE

B. AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

C. LICENSEE EVENT REPORTS

D. DATA TABULATIONS

1. Operating Data Report
2. Average Daily Unit Power Level
3. Unit Shutdowns and Power Reductions

E. UNIQUE REPORTING REQUIREMENTS

1. Main Steam Safety Relief Valve Operations
2. Major Changes to Radioactive Waste Treatment System
3. Static O-Ring Failures
4. Off-Site Dose Calculation Manual Changes

I. INTRODUCTION (UNIT 2)

The LaSalle County Nuclear Power Station is a two-Unit facility owned by Commonwealth Edison Company and located near Marseilles, Illinois. Each unit is a Boiling Water Reactor with a designed net electrical output of 1078 Megawatts. Waste heat is rejected to a man-made cooling pond using the Illinois river for make-up and blowdown. The architect-engineer was Sargent and Lundy and the contractor was Commonwealth Edison Company.

Unit two was issued operating license number NPF-18 on December 16, 1983. Initial criticality was achieved on March 10, 1984 and commercial power operation was commenced on October 19, 1984.

This report was compiled by Michael J. Cialkowski, telephone number (815) 357-6761, extension 2056.

## II. MONTHLY REPORT

### A. SUMMARY OF OPERATING EXPERIENCE (Unit 2)

<u>Day</u>	<u>Time</u>	<u>Event</u>
1	0000	Reactor critical, Generator on-line at 1130 Mwe.
	0255	Reduced power level to 1035 Mwe due to system load.
	1000	Increased power level to 1130 Mwe.
5	0130	Reduced power level to 1075 Mwe to swap the Condensate pumps.
	0430	Increased power level to 1130 Mwe.
	2200	Reduced power level to 815 Mwe for repair of a '22A' Feedwater Heater valve and performance of scram time testing.
6	1030	Increased power level to 1130 Mwe.
13	2000	Reduced power level to 750 Mwe for repair of a '22A' Feedwater Heater valve and a Turbine Control Valve.
14	2000	Increased power level to 1030 Mwe.
15	1800	Increased power level to 1130 Mwe.
20	1300	Reduced power level to 1065 Mwe to swap the Condensate pumps.
	2200	Increased power level to 1130 Mwe.
22	2140	Reduced power level to 750 Mwe for testing to identify a possible fuel failure.
25	1330	Increased power level to 950 Mwe.
26	2330	Reduced power level to 900 Mwe to place the Turbine Driven Reactor Feed Pump on-line.
28	0200	Increased power level to 1130 Mwe.
31	2400	Reactor critical, Generator on-line at 1130 Mwe.

- B. AMENDMENTS TO THE FACILITY OR TECHNICAL SPECIFICATION  
(None)
- C. SUBMITTED LICENSEE EVENT REPORTS (Unit 2)  
(None)
- D. DATA TABULATIONS (Unit 2)
  - 1. Operating Data Report (See Table 1)
  - 2. Average Daily Unit Power Level (See Table 2)
  - 3. Unit Shutdowns and Significant Power Reductions (See Table 3)
- E. UNIQUE REPORTING REQUIREMENTS (UNIT 2)
  - 1. Safety Relief Valve Operations  
(None)
  - 2. Major Changes to Radioactive Waste Treatment Systems  
(None)
  - 3. Static O-Ring Failures  
(None)
  - 4. Changes to the Off-Site Dose Calculation Manual  
(None)

TABLE 1  
D.1 OPERATING DATA REPORT

DOCKET NO. C50-374  
UNIT LASALLE TWO  
DATE February 9, 1996  
COMPLETED BY M.J. CIALKOWSKI  
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD:	January 1996	GROSS HOURS IN REPORTING PERIOD:	744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt):	3,323	MAX DEPEND CAPACITY (MWe-Net):	1,036
		DESIGN ELECTRICAL RATING (MWe-Net):	1,078

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net):  
4. REASONS FOR RESTRICTION (IF ANY):

	REPORTING PERIOD DATA		
	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
5. REACTOR CRITICAL TIME (HOURS)	744.0	744.0	72,033.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	744.0	744.0	70,585.5
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWh <sub>t</sub> )	2,341,473	2,341,473	214,310,728
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	801,419	801,419	71,699,275
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	772,818	772,818	68,925,490
12. REACTOR SERVICE FACTOR (%)	100.0	100.0	72.8
13. REACTOR AVAILABILITY FACTOR (%)	100.0	100.0	74.5
14. UNIT SERVICE FACTOR (%)	100.0	100.0	71.3
15. UNIT AVAILABILITY FACTOR (%)	100.0	100.0	71.3
16. UNIT CAPACITY FACTOR (USING MDC) (%)	100.3	100.3	67.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	96.4	96.4	64.6
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	9.9

19. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): N/A

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

TABLE 2  
D.2 AVERAGE DAILY UNIT POWER LEVEL (MWe-Net)

DOCKET NO. 050-374  
UNIT LASALLE TWO  
DATE February 9, 1996  
COMPLETED BY M.J. CIALKOWSKI  
TELEPHONE (815)-357-6761

REPORT PERIOD: January 1996

DAY	POWER	DAY	POWER
1	1,082	17	1,096
2	1,096	18	1,094
3	1,096	19	1,095
4	1,091	20	1,081
5	1,085	21	1,096
6	1,009	22	1,069
7	1,095	23	616
8	1,097	24	710
9	1,096	25	871
10	1,099	26	927
11	1,098	27	993
12	1,098	28	1,098
13	1,061	29	1,100
14	882	30	1,101
15	1,071	31	1,100
16	1,096		

TABLE 3

D.3 UNIT SHUTDOWNS AND POWER REDUCTIONS > 20%  
(UNIT 2)

<u>YEARLY SEQUENTIAL NUMBER</u>	<u>DATE (YYMMDD)</u>	<u>TYPE F: FORCED S: SCHEDULED</u>	<u>DURATION (HOURS)</u>	<u>REASON</u>	<u>METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER</u>	<u>CORRECTIVE ACTIONS/COMMENTS (LER # if applicable)</u>
01	960123	F	0.0	B	4	Power reduction for testing to identify a possible fuel failure.

SUMMARY OF OPERATION: The unit remained on-line at high power throughout the month. Several minor power reductions were required during the month due to maintenance, surveillance and testing activities.