

Commonwealth Edison Company
LaSalle Generating Station
2601 North 21st Road
Marseilles, IL 61341-9757
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December 12, 1995

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Enclosed for your information is the monthly performance report covering
LaSalle County Nuclear Power Station for November, 1995.

A handwritten signature in dark ink, appearing to read "D. J. Ray", is written over the typed name.

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

November 1995

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 1080 Mwe.
2	0100	Reduced power level to 920 Mwe for scram solenoid pilot valve replacement.
	2400	Reduced power level to 775 Mwe for scram solenoid pilot valve replacement.
3	1000	Increased power level to 1000 Mwe.
4	0030	Reduced power level to 700 Mwe for performance of scram time testing.
	1200	Increased power level to 1130 Mwe.
6	0030	Reduced power level to 920 Mwe for scram solenoid pilot valve replacement.
	1000	Increased power level to 1045 Mwe.
	2400	Reduced power level to 800 Mwe for performance of scram time testing.
7	1600	Increased power level to 1035 Mwe.
	2400	Reduced power level to 800 Mwe for scram solenoid pilot valve replacement.
8	1000	Increased power level to 1010 Mwe.
	2300	Reduced power level to 800 Mwe for scram solenoid pilot valve replacement.
9	0600	Increased power level to 1000 Mwe.
	2330	Reduced power level to 800 Mwe for scram solenoid pilot valve replacement.
10	0900	Increased power level to 985 Mwe.
	2400	Reduced power level to 800 Mwe for scram solenoid pilot valve replacement.
11	1700	Increased power level to 1100 Mwe.
13	0100	Reduced power level to 840 Mwe for scram solenoid pilot valve replacement.
	0200	Increased power level to 920 Mwe.
	2400	Reduced power level to 750 Mwe for scram solenoid pilot valve replacement.
14	0300	Increased power level to 930 Mwe.
	2330	Reduced power level to 775 Mwe for scram solenoid pilot valve replacement.
15	0700	Increased power level to 960 Mwe.
16	0100	Reduced power level to 700 Mwe for scram solenoid pilot valve replacement.

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

<u>Day</u>	<u>Time</u>	<u>Event</u>
16	0500	Increased power level to 940 Mwe.
	2300	Reduced power level to 800 Mwe for scram solenoid pilot valve replacement.
17	0700	Increased power level to 1050 Mwe.
19	2400	Reduced power level to 925 Mwe due to system load.
	1800	Increased power level to 1030 Mwe.
23	0000	Reduced power level to 885 Mwe, placed the 'A' Turbine Driven Reactor Feed pump off-line for maintenance.
	1000	Increased power level to 1000 Mwe.
25	2330	Reduced power level to 850 Mwe for surveillance testing.
26	1400	Increased power level to 1000 Mwe.
30	2400	Reactor critical, Generator on-line at 970 Mwe.

B. AMENDMENTS TO THE FACILITY OR TECHNICAL SPECIFICATION
(None)

C. SUBMITTED LICENSEE EVENT REPORTS (Unit 1)

<u>LER No.</u>	<u>Occurrence Date</u>	<u>Description</u>
95-017	10/10/95	Safety related contact testing of the Reactor Building and Fuel Pool Cooling Ventilation High Radiation Monitoring Trip System was not performed in accordance with the Station Technical Specifications.

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 December 11, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: November 1995
GROSS HOURS IN REPORTING PERIOD 720

2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3,323
MAX DEPEND CAPACITY (MWe-Net): 1,036
DESIGN ELECTRICAL RATING (MWe-M 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)	720.0	7,558.1	74,198.0
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	720.0	7,485.0	72,596.1
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWhT)	2,095,224	23,787,607	216,474,432
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	707,792	7,986,779	72,377,670
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	684,375	7,727,825	69,496,969
12. REACTOR SERVICE FACTOR (%)	100.0	94.3	71.0
13. REACTOR AVAILABILITY FACTOR (%)	100.0	94.3	72.6
14. UNIT SERVICE FACTOR (%)	100.0	93.4	69.5
15. UNIT AVAILABILITY FACTOR (%)	100.0	93.4	69.5
16. UNIT CAPACITY FACTOR (USING MDC) (%)	91.7	93.1	64.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	88.2	89.4	61.7
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	4.7	7.9

19. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): 01/27/96

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. 050-373
UNIT LASALLE ONE
DATE December 11, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: November 1995

DAY	POWER	DAY	POWER
1	1,022	17	976
2	894	18	996
3	920	19	947
4	1,026	20	985
5	1,087	21	977
6	975	22	969
7	925	23	936
8	920	24	957
9	928	25	953
10	901	26	901
11	1,002	27	948
12	1,046	28	940
13	876	29	935
14	863	30	931
15	896	31	
16	886		

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>
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(None)

SUMMARY OF OPERATION:

The unit remained on-line at high power throughout the month. Several minor power reductions were required due to maintenance and surveillance activities.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

November 1995

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.
12	0100	Reduced power level to 600 Mwe for performance of a rod set.
	1100	Increased power level to 1130 Mwe.
24	0400	Reduced power level to 1045 Mwe to swap the Circulating Water pumps.
	0800	Increased power level to 1140 Mwe.
30	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)

<u>LEP</u>	<u>Occurrence Date</u>	<u>Description</u>
95-010	10/07/95	Rollup fire door 615 was left open without a fire impairment due to personnel error.

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. 050-374
UNIT LASALLE TWO
DATE December 11, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: November 1995
GROSS HOURS IN REPORTING PERIOD: 720
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)	720.0	5,337.6	70,545.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	720.0	5,112.0	69,097.5
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWhT)	2,380,968	15,790,064	209,541,992
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	818,168	5,376,123	70,064,692
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	792,434	5,163,408	67,348,170
12. REACTOR SERVICE FACTOR (%)	100.0	66.6	72.4
13. REACTOR AVAILABILITY FACTOR (%)	100.0	66.6	74.1
14. UNIT SERVICE FACTOR (%)	100.0	63.8	70.9
15. UNIT AVAILABILITY FACTOR (%)	100.0	63.8	70.9
16. UNIT CAPACITY FACTOR (USING MDC) (%)	106.2	62.2	66.7
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	102.1	59.8	64.1
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	3.6	10.1

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 December 11, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: November 1995

DAY	POWER	DAY	POWER
1	1,101	17	1,105
2	1,101	18	1,107
3	1,104	19	1,105
4	1,107	20	1,105
5	1,107	21	1,105
6	1,106	22	1,105
7	1,106	23	1,103
8	1,106	24	1,099
9	1,106	25	1,102
10	1,104	26	1,100
11	1,102	27	1,099
12	1,012	28	1,102
13	1,104	29	1,102
14	1,104	30	1,101
15	1,106	31	
16	1,105		

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>
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(None)

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 rod pattern adjustments, maintenance and surveillance activities.