

Commonwealth Edison Company
LaSalle Generating Station
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August 11, 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 July, 1995.

A handwritten signature in dark ink, appearing to read "D. J. Ray".

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
INPO Records Center
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A Unicom Company

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LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

July 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

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1. Main Steam Safety Relief Valve Operations
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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 1120 Mwe.
5	0240	Reduced power level to 1070 Mwe due to control rod drive scram solenoid pilot valve replacements.
	2345	Reduced power level to 850 Mwe to perform scram time testing.
6	0850	Increased power level to 1070 Mwe.
7	0220	Reduced power level to 1000 Mwe due to system load.
	1030	Increased power level to 1120 Mwe.
8	0545	Reduced power level to 900 Mwe due to system load.
	0840	Increased power level 1050 Mwe.
9	0530	Reduced power level to 960 Mwe due to system load.
	0745	Increased power level to 1095 Mwe.
10	0210	Reduced power level to 890 Mwe due to system load.
	0645	Increased power level to 1000 Mwe.
	2300	Reduced power level to 850 Mwe to perform scram time testing.
11	0315	Increased power level to 925 Mwe.
	2335	Reduced power level to 800 Mwe to perform scram time testing.
12	0200	Increased power level to 1000 Mwe.
	2345	Reduced power level to 800 Mwe to perform scram time testing.
13	0230	Increased power level to 1000 Mwe.
14	0010	Reduced power level to 800 Mwe to perform scram time testing.
	0215	Increased power level to 970 Mwe.
15	0345	Increased power level to 1080 Mwe.
16	2350	Reduced power level to 970 Mwe due to control rod drive scram solenoid pilot valve replacements.
17	2315	Reduced power level to 790 Mwe to perform scram time testing.
18	0715	Increased power level to 1030 Mwe.
	2345	Reduced power level to 820 Mwe due to control rod drive scram solenoid pilot valve replacements.
19	0800	Increased power level to 1060 Mwe.
	2300	Reduced power level to 770 Mwe to perform scram time testing.

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

<u>Day</u>	<u>Time</u>	<u>Event</u>
20	1400	Increased power level to 1110 Mwe.
21	2200	Reduced power level to 840 Mwe to perform scram time testing and main steam isolation valve testing.
22	1000	Increased power level to 1110 Mwe.
23	0200	Reduced power level to 890 Mwe due to system load.
	1100	Increased power level to 1110 Mwe.
25	0300	Reduced power level to 1040 Mwe for performance of a rod set.
	0500	Increased power level to 1110 Mwe.
31	2400	Reactor critical, Generator on-line at 1090 Mwe.

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

C. SUBMITTED LICENSEE EVENT REPORTS (Unit 1)

LER No.	Occurrence	
	Date	Description
95-011	06/2 /95	During a routine inspection of the Fire Protection Program, it was noted that the Firewatch/Compensatory Measure Logs indicated that hourly fire watches required by Technical Specifications were frequently performed at intervals exceeding one hour.

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 August 10, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD:	July 1995	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)	744.0	4,827.0	71,466.9
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	744.0	4,788.5	69,899.6
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWht)	2,398,719	15,460,630	208,147,455
10. ELECTRICAL ENERGY GENERATED (MWHe-Gross)	777,476	5,204,402	69,595,293
11. ELECTRICAL ENERGY GENERATED (MWHe-Net)	750,639	5,042,638	66,811,782
12. REACTOR SERVICE FACTOR (%)	100.0	94.9	70.4
13. REACTOR AVAILABILITY FACTOR (%)	100.0	94.9	72.0
14. UNIT SERVICE FACTOR (%)	100.0	94.1	68.8
15. UNIT AVAILABILITY FACTOR (%)	100.0	94.1	68.8
16. UNIT CAPACITY FACTOR (USING MDC) (%)	97.4	95.7	63.5
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	93.6	92.0	61.0
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	2.8	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 August 10, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: July 1995

DAY	POWER	DAY	POWER
1	1,071	17	926
2	1,066	18	933
3	1,065	19	874
4	1,065	20	979
5	1,022	21	1,050
6	974	22	976
7	1,057	23	1,020
8	1,014	24	1,058
9	1,040	25	1,056
10	938	26	1,059
11	882	27	1,056
12	948	28	1,061
13	945	29	1,057
14	932	30	1,046
15	1,010	31	1,041
16	1,037		

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>
(None)						

SUMMARY OF OPERATION:

The unit remained on-line at high power throughout the month. The unit experienced several minor power reductions due to maintenance and surveillance activities and system load.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

July 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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(UNIT 2)

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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 1040 Mwe.
3	0130	Reduced power level to 850 Mwe due to system load.
	1300	Increased power level to 1110 Mwe.
4	0645	Reduced power level to 1010 Mwe due to system load.
	1000	Increased power level to 1120 Mwe.
15	0430	Reduced power level to 900 Mwe due to feedwater heater second stage leakage.
16	1345	Increased power level to 1095 Mwe.
21	0200	Reduced power level to 850 Mwe for performance of a rod set.
	1200	Increased power level to 1110 Mwe.
28	0115	Reduced power level to 910 Mwe due to oscillations of the 'A' Reactor Recirculation flow control valve.
	0415	Increased power level to 1090 Mwe.
29	0345	Reduced power level to 900 Mwe due to oscillations of the 'A' Reactor Recirculation flow control valve.
	0445	Increased power level to 940 Mwe.
31	2400	Reactor critical, Generator on-line at 960 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. 050-374
UNIT LASALLE TWO
DATE August 10, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: July 1995 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	2,585.7	67,793.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	744.0	2,372.5	66,358.0
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWht)	2,349,253	7,210,506	200,962,434
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	801,100	2,476,564	67,165,133
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	773,928	2,363,810	64,548,572
12. REACTOR SERVICE FACTOR (%)	100.0	50.8	71.7
13. REACTOR AVAILABILITY FACTOR (%)	100.0	50.8	73.5
14. UNIT SERVICE FACTOR (%)	100.0	46.6	70.2
15. UNIT AVAILABILITY FACTOR (%)	100.0	46.6	70.2
16. UNIT CAPACITY FACTOR (USING MDC) (%)	100.4	44.9	65.9
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	96.5	43.1	63.3
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	10.3

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 August 10, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: July 1995

DAY	POWER	DAY	POWER
1	1,075	17	1,064
2	915	18	1,073
3	1,022	19	1,074
4	1,074	20	1,072
5	1,083	21	1,024
6	1,085	22	1,069
7	1,089	23	1,071
8	1,084	24	1,068
9	1,079	25	1,067
10	1,073	26	1,064
11	1,069	27	1,062
12	1,065	28	1,038
13	1,067	29	931
14	1,063	30	929
15	900	31	931
16	967		

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>
(None)						

SUMMARY OF OPERATION:

The unit remained on-line at high power throughout the month. The unit experienced several minor power reductions due to system load.