

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



June 13, 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 May, 1995.

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

D. J. Ray
Station Manager
LaSalle County Station

DJR/mkl

Enclosure

cc: John B. Martin, 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
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LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

May 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

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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 1130 Mwe.
10	2100	Reduced power level to 740 Mwe for the performance of a rod set.
12	2000	Increased power level to 1130 Mwe.
16	2200	Reduced power level to 1070 Mwe for the performance of a rod set.
	2300	Increased power level to 1125 Mwe.
23	2100	Reduced power level to 750 Mwe for the performance of a rod set and to place the 'B' Turbine Driven Reactor Feed Pump off-line for maintenance activities.
24	1400	Increased power level to 1020 Mwe.
25	0300	Reduced power level to 950 due to system load.
	0530	Increased power level to 1015 Mwe.
	2200	Reduced power level to 830 Mwe to place the 'B' Turbine Driven Reactor Feed Pump on-line and the 'A' Turbine Driven Reactor Feed Pump off-line for maintenance activities.
26	0600	Increased power level to 1020 Mwe.
	2300	Reduced power level to 830 Mwe to place the 'A' Turbine Driven Reactor Feed Pump on-line.
27	1300	Increased power level to 1020 Mwe.
28	1400	Increased power level to 1125 Mwe.
	1900	Reduced power level to 1100 Mwe due to Low Power Range Monitor high alarms.
31	0300	Reduced power level to 1050 Mwe for the performance of a rod set.
	0700	Increased power level to 1125 Mwe.
	2400	Reactor critical, Generator on-line at 1120 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>
95-010	04/15/95	During performance of surveillance LES-PC-209, Unit 2 PCCW and RBCCW Group 2 Isolation Logic System Functional Test an electrical maintenance technician pulled the wrong fuse at panel 2H13-P611 causing an ESF actuation.

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 June 9, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: May 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	3,492.7	70,132.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	744.0	3,482.7	68,593.9
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWhT)	2,396,025	11,309,091	203,995,916
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	808,877	3,842,854	68,233,745
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	782,478	3,730,068	65,499,212
12. REACTOR SERVICE FACTOR (%)	100.0	96.4	70.1
13. REACTOR AVAILABILITY FACTOR (%)	100.0	96.4	71.7
14. UNIT SERVICE FACTOR (%)	100.0	96.1	68.5
15. UNIT AVAILABILITY FACTOR (%)	100.0	96.1	68.5
16. UNIT CAPACITY FACTOR (USING MCC) (%)	101.5	99.4	63.2
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	97.6	95.5	60.7
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	3.9	8.1

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

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

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

DOCKET NO. 050-373
UNIT LASALLE ONE
DATE June 9, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: May 1995

DAY	POWER	DAY	POWER
1	1,091	17	1,084
2	1,089	18	1,063
3	1,088	19	1,081
4	1,089	20	1,081
5	1,091	21	1,077
6	1,091	22	1,077
7	1,087	23	1,056
8	1,086	24	928
9	1,089	25	950
10	1,065	26	945
11	847	27	924
12	1,034	28	1,031
13	1,081	29	1,070
14	1,084	30	1,070
15	1,083	31	1,072
16	1,080		

TABLE 3

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

YEARLY SEQUENTIAL NUMBER	DATE (YYMMDD)	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS (LER # if applicable)
		F: FORCED	S: SCHEDULED				
2	950611	S		0.0	H	4	Power reduction for rod set performance.

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

May 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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 - 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 878 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 sub-critical, Generator off-line. Refuel outage (L2R06) in progress.
16	2203	Reactor Critical.
22	0141	Manual reactor scram to perform maintenance on the 2E12F008 and 2E12F009 Residual Heat Removal system shutdown cooling valves and to repair the Main Condenser 'C' hood boot seal.
31	2400	Reactor sub-critical, Generator off-line. Refuel outage (L2R06) in progress.

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

C. SUBMITTED LICENSEE EVENT REPORTS (Unit 2)

<u>LER No.</u>	<u>Occurrence Date</u>	<u>Description</u>
95-007	04/11/95	A Division 2 ESF actuation occurred during the performance of an instrument surveillance due to a reference line pressure spike. The pressure spike was caused by the incorrect positioning of an instrument stop valve.
95-008	04/15/95	During testing of the ATWS/ARI power supplies trip signals were received from the reactor water level and pressure channels 'A' and 'C'. This actuation resulted in the scram air header depressurizing with a full scram signal received from the high scram discharge volume level.

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
(See Attachment A)
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 June 9, 1995
COMPLETED BY M.J. CIALOWSKI
TELEPHONE (815)- 61

OPERATING STATUS

1. REPORTING PERIOD: May 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)	123.6	1,276.2	66,484.2
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	0.0	1,152.3	65,137.8
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWhr)	0	3,731,007	197,482,935
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	0	1,281,127	65,969,696
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	-8,927	1,213,939	63,398,701
12. REACTOR SERVICE FACTOR (%)	16.6	35.2	71.4
13. REACTOR AVAILABILITY FACTOR (%)	16.6	35.2	73.3
14. UNIT SERVICE FACTOR (%)	0.0	31.8	70.0
15. UNIT AVAILABILITY FACTOR (%)	0.0	31.8	70.0
16. UNIT CAPACITY FACTOR (USING MDC) (%)	-1.2	32.3	65.8
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	-1.1	31.1	63.2
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	10.4

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

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

06/09/95

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

DOCKET NO. 050-374
UNIT LASALLE TWO
DATE June 9, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: May 1995

DAY	POWER	DAY	POWER
-----	-----	-----	-----
1	-12	17	-12
2	-12	18	-12
3	-12	19	-12
4	-12	20	-12
5	-12	21	-12
6	-12	22	-12
7	-12	23	-12
8	-12	24	-12
9	-12	25	-12
10	-12	26	-12
11	-12	27	-12
12	-12	28	-12
13	-12	29	-12
14	-12	30	-12
15	-12	31	-12
16	-12		

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>
1	950218	S	744.0	C	2	Refuel outage (L2R06)

SUMMARY OF OPERATION:

The unit was in a scheduled refuel outage for the entire month.