



Commonwealth Edison
LaSalle County Nuclear Station
2601 N. 21st. Rd.
Marseilles, Illinois 61341
Telephone 815/357-6761

June 9, 1994

U.S. Nuclear Regulatory Commission
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Enclosed for your information is the monthly performance report covering
LaSalle County Nuclear Power Station for May 1994.

D. J. Ray
Station Manager
LaSalle County Station

DJR/tmb

Enclosure

cc: John B. Martin, Regional Administrator - Region III
NRC Senior Resident Inspector - LaSalle
IL Department of Nuclear Safety - LaSalle
NRR Project Manager - LaSalle
GE Representative - LaSalle
Regulatory Assurance Supervisor - LaSalle
Manager of Nuclear Licensing - Downers Grove
Nuclear Fuel Services Manager - General Office
QA/NS Off-Site Review - General Office
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LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

MAY 1994

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 2427.

II. MONTHLY REPORT

A. SUMMARY OF OPERATING EXPERIENCE (Unit 1)

<u>Day</u>	<u>Time</u>	<u>Event</u>
1	0000	Reactor sub-critical, Generator off-line, refuel outage (L1R06) in progress.
31	2400	Reactor sub-critical, Generator off-line, refuel outage (L1R06) in progress.

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

C. LICENSEE EVENT REPORTS (Unit 1)

<u>LER Number</u>	<u>Date</u>	<u>Description</u>
94-007	05/17/94	Residual Heat Removal system 1E12-F009 valve received an isolation signal during the performance of the '1A' Diesel Generator 24 hour run surveillance.

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 7, 1994
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: May 1994 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)	0.0	958.3	62,285.2
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	0.0	946.3	60,960.0
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWht)	0	2,959,412	180,285,049
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	0	1,000,026	60,254,397
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	-8,351	934,973	57,783,727
12. REACTOR SERVICE FACTOR (%)	0.0	26.5	68.2
13. REACTOR AVAILABILITY FACTOR (%)	0.0	26.5	70.0
14. UNIT SERVICE FACTOR (%)	0.0	26.1	66.8
15. UNIT AVAILABILITY FACTOR (%)	0.0	26.1	66.8
16. UNIT CAPACITY FACTOR (USING MDC) (%)	-1.1	24.9	61.1
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	-1.0	23.9	58.7
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	41.4	8.3

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: 06/15/94

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

DOCKET NO. 050-373
UNIT LASALLE ONE
DATE June 7, 1994
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: May 1994

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

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>
4	940318	S	744.0	C	4	Refuel outage (L1R06).

SUMMARY OF OPERATION:

The unit entered the month in a scheduled refuel outage. The units expected return to service is 06/15/94.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

MAY 1994

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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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 2427.

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 850 Mwe.
	0800	Reduced power level to 780 Mwe for rod set.
	1330	Increased power level to 1130 Mwe.
3	2330	Reduced power level to 985 Mwe for rod set.
4	0600	Increased power level to 1140 Mwe.
14	0000	Reduced power level to 710 Mwe to perform maintenance on the 'A' Condensate/Condensate Booster pump.
	2200	Increased power level to 820 Mwe.
16	0500	Increased power level to 1135 Mwe.
17	0030	Reduced power level to 1000 Mwe to perform a rod set.
	0500	Increased power level to 1140 Mwe.
19	0300	Reduced power level to 1075 Mwe to transfer the Condensate/Condensate Booster pumps.
	0500	Increased power level to 1120 Mwe.
	0530	Reduced power level to 1075 Mwe to transfer the Condensate/Condensate Booster pumps.
	2330	Reduced power level to 1065 Mwe to transfer the Condensate/Condensate Booster pumps.
20	0300	Increased power level to 1140 Mwe.
27	0000	Reduced power level to 850 Mwe to perform maintenance on the '26B' Feedwater Heater normal drain valve 2HD026E.
	1000	Increased power level to 1130 Mwe.
30	0100	Reduced power level to 850 Mwe due to system load.
	1100	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. 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 June 7, 1994
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: May 1994 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	3,408.5	60,334.1
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	744.0	3,340.7	59,223.1
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWht)	2,416,193	10,642,203	178,742,656
10. ELECTRICAL ENERGY GENERATED (MWhe-Gross)	823,968	3,631,835	59,616,475
11. ELECTRICAL ENERGY GENERATED (MWhe-Net)	801,634	3,525,054	57,280,945
12. REACTOR SERVICE FACTOR (%)	100.0	94.1	71.6
13. REACTOR AVAILABILITY FACTOR (%)	100.0	94.1	73.6
14. UNIT SERVICE FACTOR (%)	100.0	92.2	70.2
15. UNIT AVAILABILITY FACTOR (%)	100.0	92.2	70.2
16. UNIT CAPACITY FACTOR (USING MDC) (%)	104.0	93.9	65.6
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	100.0	90.3	63.0
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	10.9

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. 050-374
UNIT LASALLE TWO
DATE June 7, 1994
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: May 1994

DAY	POWER	DAY	POWER
1	950	17	1,093
2	1,102	18	1,102
3	1,090	19	1,093
4	1,087	20	1,097
5	1,103	21	1,100
6	1,109	22	1,097
7	1,109	23	1,093
8	1,107	24	1,092
9	1,107	25	1,094
10	1,107	26	1,079
11	1,106	27	1,014
12	1,106	28	1,094
13	1,106	29	1,093
14	1,039	30	1,004
15	836	31	1,095
16	1,098		

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 maintenance and surveillance activities.