

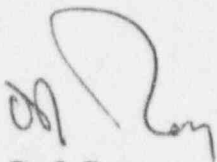
Commonwealth Edison Company
LaSalle Generating Station
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Marseilles, IL 61341-9757
Tel 815-357-6761

ComEd

January 11, 1996

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 December, 1995.



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

December 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 970 Mwe, unit in coastdown for upcoming refuel outage.
2	2300	Reduced power level to 690 Mwe for performance of a rod set.
3	2200	Increased power level to 945 Mwe.
9	1000	Increased power level to 970 Mwe.
17	2300	Reduced power level to 800 Mwe for control rod drive accumulator replacement.
18	2400	Reduced power level to 700 Mwe for control rod drive accumulator replacement.
19	0600	Increased power level to 850 Mwe.
	1400	Increased power level to 915 Mwe.
20	0000	Reduced power level to 700 Mwe for control rod drive maintenance.
	0800	Increased power level to 900 Mwe.
21	0400	Reduced power level to 730 Mwe for performance of scram time testing.
	0900	Increased power level to 900 Mwe.
31	2400	Reactor critical, Generator on-line at 860 Mwe, unit in coastdown for upcoming refuel outage.

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>
95-018	11/28/95	Trip of the '1B' Reactor Protection System bus due to a failure of a Motor Generator Set auxiliary relay.

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 January 12, 1996
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: December 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	8,302.1	74,942.0
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	744.0	8,229.0	73,340.1
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWhT)	1,980,385	25,767,992	218,454,817
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	666,182	8,652,961	73,043,852
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	641,459	8,369,284	70,138,428
12. REACTOR SERVICE FACTOR (%)	100.0	94.8	71.2
13. REACTOR AVAILABILITY FACTOR (%)	100.0	94.8	72.8
14. UNIT SERVICE FACTOR (%)	100.0	93.9	69.7
15. UNIT AVAILABILITY FACTOR (%)	100.0	93.9	69.7
16. UNIT CAPACITY FACTOR (USING MDC) (%)	83.2	92.2	64.3
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	80.0	88.6	61.8
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	4.3	7.9

19. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUEL, 01/27/96, 9 WEEKS

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 January 12, 1996
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: December 1995

DAY	POWER	DAY	POWER
1	927	17	874
2	899	18	799
3	816	19	821
4	892	20	827
5	880	21	841
6	878	22	845
7	875	23	843
8	869	24	840
9	899	25	836
10	918	26	832
11	917	27	828
12	916	28	823
13	912	29	819
14	906	30	815
15	893	31	811
16	880		

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 rod pattern adjustments, maintenance and surveillance activities.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

December 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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(UNIT 2)

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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.
2	2000	Reduced power level to 850 Mwe for surveillance performance.
3	0000	Increased power level to 1130 Mwe.
5	0400	Reduced power level to 1040 Mwe to swap the Condensate pumps.
	1000	Increased power level to 1135 Mwe.
6	0200	Reduced power level to 1050 Mwe to swap the Condensate pumps.
	0800	Increased power level to 1140 Mwe.
13	0100	Reduced power level to 730 Mwe for performance of a rod set.
	0800	Increased power level to 1135 Mwe.
18	0000	Reduced power level to 1070 Mwe to swap the Condensate pumps.
	0700	Increased power level to 1140 Mwe.
20	2200	Reduced power level to 850 Mwe for Heater Drain and Feedwater system pump maintenance.
21	1300	Increased power level to 1000 Mwe.
22	2300	Increased power level to 1135 Mwe.
30	2335	Reduced power level to 990 Mwe due to system load.
31	0840	Increased power level to 1135 Mwe.
	1245	Reduced power level to 1075 Mwe to swap the Condensate pumps.
	1630	Increased power level to 1135 Mwe.
	2400	Reactor critical, Generator on-line at 1135 Mwe.

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>
95-011	11/27/95	Inadvertent ESF actuation and Reactor Core Isolation Cooling system isolation during surveillance functional testing 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 January 12, 1996
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: December 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	6,081.6	71,289.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	744.0	5,856.0	69,841.5
8. UNIT RESERVE SHUTDOWN TIME (HOUPS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWhT)	2,427,263	18,217,327	211,969,255
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	833,164	6,209,287	70,897,856
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	804,502	5,967,910	68,152,672
12. REACTOR SERVICE FACTOR (%)	100.0	69.4	72.6
13. REACTOR AVAILABILITY FACTOR (%)	100.0	69.4	74.3
14. UNIT SERVICE FACTOR (%)	100.0	66.8	71.1
15. UNIT AVAILIBILITY FACTOR (%)	100.0	66.8	71.1
16. UNIT CAPACITY FACTOR (USING MDC) (%)	104.4	65.8	67.0
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	100.3	63.2	64.4
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	3.1	10.0

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 January 12, 1996
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: December 1995

DAY	POWER	DAY	POWER
1	1,100	17	1,099
2	1,064	18	1,087
3	1,047	19	1,098
4	1,099	20	1,088
5	1,087	21	889
6	1,102	22	985
7	1,102	23	1,096
8	1,098	24	1,097
9	1,101	25	1,097
10	1,103	26	1,098
11	1,104	27	1,099
12	1,093	28	1,100
13	1,056	29	1,099
14	1,101	30	1,098
15	1,099	31	1,037
16	1,099		

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.