

Commonwealth Edison Company
LaSalle Generating Station
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September 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 August, 1995.

A handwritten signature in dark ink, appearing to read "D. J. Ray", is written over a faint, larger signature.

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

August 1995

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

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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 1090 Mwe.
9	2300	Reduced power level to 1000 Mwe due to system load.
10	0700	Increased power level to 1110 Mwe.
16	2016	Reactor scram from Main Steam Isolation Valve closure due to main steam tunnel high temperature which was caused by the loss of the reactor building ventilation system.
21	0950	Reactor critical.
22	0638	Generator on-line at 60 Mwe.
	0715	Generator at 95 Mwe.
	2230	Generator at 150 Mwe.
23	0545	Generator at 275 Mwe.
	0745	Generator at 385 Mwe, upshifted Reactor Recirculation pumps.
	0900	Generator at 565 Mwe.
	0945	Generator at 650 Mwe.
	1040	Generator at 710 Mwe.
	2030	Generator at 830 Mwe.
24	0300	Generator at 975 Mwe.
	0415	Generator at 1075 Mwe.
25	0245	Reduced power level to 750 Mwe for performance of a rod set.
	0745	Increased power level to 1090 Mwe.
30	0650	Reduced power level to 1000 Mwe due to high lake temperature.
	1015	Increased power level to 1060 Mwe.
31	2400	Reactor critical, Generator on-line at 1090 Mwe.

B. AMENDMENTS TO THE FACILITY OR TECHNICAL SPECIFICATION

On August 2, 1995, Amendment 104 was issued to license NPF-11 (Unit 1). This amendment allowed the extension of surveillance test intervals and allowed outage times for certain actuation instrumentation.

On August 15, 1995, Amendment 105 was issued to license NPF-11 (Unit 1). This amendment revised the pressure alarm setpoint allowable values for the Emergency Core Cooling System and Reactor Core Isolation Cooling system "keep filled" pressure instrumentation channels.

C. SUBMITTED LICENSEE EVENT REPORTS (Unit 1)

<u>LER No.</u>	<u>Occurrence Date</u>	<u>Description</u>
95-013	08/08/95	During a review of the calibration procedure for the Diesel Generator low lube oil pressure shutdown switch it was found that the pressure switch (PS-1E22-N515) for the "1B" Diesel Generator was not calibrated within the required time frame.

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

<u>Valve</u>	<u>Date of Actuation</u>	<u>Type of Actuation</u>	<u>Reason for Actuation</u>
1B21F013D	08/16/95	Automatic	Post Scram Reactor Pressure Control
1B21F013E	08/16/95	Automatic	Post Scram Reactor Pressure Control
1B21F013S	08/16/95	Automatic	Post Scram Reactor Pressure Control
1B21F013U	08/16/95	Automatic	Post Scram Reactor Pressure Control

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 September 8, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: August 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)	634.5	5,461.4	72,101.3
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,641.2
7. GENERATOR ON-LINE TIME (HOURS)	613.7	5,402.1	70,513.3
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1.0
9. THERMAL ENERGY GENERATED (MWhT)	1,946,859	17,407,489	210,094,314
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	633,712	5,838,114	70,229,005
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	609,485	5,652,123	67,421,267
12. REACTOR SERVICE FACTOR (%)	85.3	93.7	70.5
13. REACTOR AVAILABILITY FACTOR (%)	85.3	93.7	72.1
14. UNIT SERVICE FACTOR (%)	82.5	92.6	68.9
15. UNIT AVAILABILITY FACTOR (%)	82.5	92.6	68.9
16. UNIT CAPACITY FACTOR (USING MDC) (%)	79.1	93.6	63.6
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	76.0	89.9	61.1
18. UNIT FORCED OUTAGE FACTOR (%)	17.5	4.8	8.0

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 September 8, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: August 1995

DAY	POWER	DAY	POWER
1	1,047	17	-12
2	1,052	18	-12
3	1,055	19	-12
4	1,055	20	-12
5	1,048	21	-12
6	1,033	22	58
7	1,052	23	523
8	1,054	24	983
9	1,055	25	995
10	1,040	26	1,057
11	1,056	27	1,045
12	1,054	28	1,046
13	1,052	29	1,044
14	1,053	30	1,020
15	1,047	31	1,051
16	879		

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	950816	F	130.4	A	3	Automatic Reactor Scram (LER# 95-014)

SUMMARY OF OPERATION:

The unit remained on-line at high power throughout most of the month. The unit experienced a forced outage on 08/16/95 and was returned to service on 08/22/95. Minor power reductions were required due to rod pattern adjustments and lake temperature.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

August 1995

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 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 960 Mwe. Reduced power level due to oscillations of the 'A' Reactor Recirculation flow control valve.
4	1600	Increased power level to 1030 Mwe.
18	1750	Reduced power level to 980 Mwe to reduce Main Condenser back pressure.
19	0700	Increased power level to 1050 mwe.
30	0030	Reduced power level to 1000 Mwe due to high lake temperature.
	0930	Increased power level to 1030 Mwe.
31	2400	Reactor critical, Generator on-line at 1030 Mwe.

B. AMENDMENTS TO THE FACILITY OR TECHNICAL SPECIFICATION

On August 2, 1995, Amendment 90 was issued to license NPF-18 (Unit 2). This amendment allowed the extension of surveillance test intervals and allowed outage times for certain actuation instrumentation.

On August 15, 1995, Amendment 91 was issued to license NPF-18 (Unit 2). This amendment revised the pressure alarm setpoint allowable values for the Emergency Core Cooling System and Reactor Core Isolation Cooling system "keep filled" pressure instrumentation channels.

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 September 8, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

OPERATING STATUS

1. REPORTING PERIOD: August 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	3,329.7	68,537.6
6. REACTOR RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	1,716.9
7. GENERATOR ON-LINE TIME (HOURS)	744.0	3,116.5	67,102.0
8. UNIT RESERVE SHUTDOWN TIME (HOURS)	0.0	0.0	0.0
9. THERMAL ENERGY GENERATED (MWhT)	2,335,157	9,545,663	203,297,591
10. ELECTRICAL ENERGY GENERATED (MWe-Gross)	772,086	3,248,650	67,937,219
11. ELECTRICAL ENERGY GENERATED (MWe-Net)	744,199	3,108,009	65,292,771
12. REACTOR SERVICE FACTOR (%)	100.0	57.1	71.9
13. REACTOR AVAILABILITY FACTOR (%)	100.0	57.1	73.7
14. UNIT SERVICE FACTOR (%)	100.0	53.4	70.4
15. UNIT AVAILABILITY FACTOR (%)	100.0	53.4	70.4
16. UNIT CAPACITY FACTOR (USING MDC) (%)	96.6	51.4	66.1
17. UNIT CAPACITY FACTOR (USING DESIGN MWe) (%)	92.8	49.4	63.6
18. UNIT FORCED OUTAGE FACTOR (%)	0.0	0.0	10.2

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
0.2 AVERAGE DAILY UNIT POWER LEVEL (MWe-Net)

DOCKET NO. 050-374
UNIT LASALLE TWO
DATE September 8, 1995
COMPLETED BY M.J. CIALKOWSKI
TELEPHONE (815)-357-6761

REPORT PERIOD: August 1995

DAY	POWER	DAY	POWER
1	928	17	1,005
2	935	18	990
3	938	19	1,000
4	966	20	1,006
5	1,016	21	1,004
6	1,011	22	1,007
7	1,012	23	1,005
8	1,013	24	1,011
9	1,018	25	1,011
10	1,019	26	1,014
11	1,013	27	1,011
12	1,014	28	1,010
13	1,012	29	1,008
14	1,014	30	989
15	1,016	31	1,001
16	1,012		

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. The unit experienced several minor power reductions during the month due to lake temperature.