

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



October 9, 1996

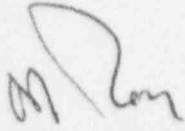
**United States Nuclear Regulatory Commission  
Washington, D.C. 20555**

**Attention:** Document Control Desk

**Subject:** LaSalle County Station Units 1 and 2  
Monthly Performance Report  
NRC Docket Numbers 50-373 and 50-374.

Enclosed is the LaSalle County Station Monthly Performance Report for the month of September, 1996.

Respectfully,

  
D. J. Ray  
Station Manager  
LaSalle County Station

Enclosure

cc: A.B. Beach, NRC Region III Administrator  
M. P. Huber, NRC Senior Resident Inspector - LaSalle  
B. L. Jorgensen - NRC Region III Branch Chief  
D. M. Skay, Project Manager, NRR - LaSalle  
C. H. Mathews, IDNS Resident Inspector - LaSalle  
D. Deppa, IDNS Reactor Safety - Springfield  
P. Doverspike, GE Representative - LaSalle  
D. L. Farrar, Nuclear Regulatory Services Manager  
INPO - Records Center  
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LASALLE NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

NRC DOCKET NO. 050-374

LICENSE NO. NPF-11

LICENSE NO. NPF-18

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- A. Summary of Operations Experience
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- C. Average Daily Power Level
- D. Unit Shutdowns and Power Reductions

I. Monthly Report for LaSalle Unit One--September, 1996

A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT ONE

DAY	TIME	EVENT
1	0000	Reactor Critical
1	2300	Commenced power decrease to 850MWe to perform surveillances
2	1001	Power level 1100MWe
13	1535	Power level 1128MWe
22	1400	Commenced power decrease to shutdown unit due to turbine control valve problems
22	1707	Inserted manual scram
30	2400	Unit cold shutdown-forced outage L1F35

## B. OPERATING DATA REPORT FOR UNIT ONE

DOCKET NO.: 050-373  
UNIT: LaSalle One  
DATE: 10/09/96  
COMPLETED BY: L. Calfa  
TELEPHONE: (815)357-6761 x2620

### OPERATING STATUS

1. Reporting Period: September, 1996 Gross Hours: 720
2. Currently Authorized Power Level: 3,323 (MWt)  
Design Electrical Rating: 1,078 (MWe-net)  
Max Dependable Capacity: 1,036 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		THIS MONTH	YEAR-TO-DATE	CUMULATIVE
5.	Reactor Critical Hours	521.1	3,777.5	78,719.5
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1,641.2
7.	Hours Generator On-Line	521.1	3,351.3	76,691.4
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWHt)	1,718,811	10,313,978	228,768,795
10.	Gross Electric Energy (MWHe)	578,364	3,406,602	76,450,454
11.	Net Electrical Energy (MWHe)	561,387	3,275,398	73,413,826
12.	Reactor Service Factor (%)	72.4	57.5	70.4
13.	Reactor Availability Factor (%)	72.4	57.5	71.9
14.	Unit Service Factor (%)	72.4	51.0	68.6
15.	Unit Availability Factor	72.4	51.0	68.6
16.	Unit Capacity Factor (MDC)	75.3	48.1	63.4
17.	Unit Capacity Factor (design MWe)	72.3	46.2	60.9
18.	Unit Forced Outage Factor (%)	27.6	18.5	8.4

19. Shutdowns Scheduled Over Next 6 Months: Forced Outage, 09/22/96
20. If Shutdown at End of Report Period, Estimated Date of Startup: 11/15/96

C. AVERAGE DAILY UNIT POWER LEVEL (MWe-Net) FOR UNIT ONE

DOCKET NO.: 050-373  
UNIT: LaSalle One  
DATE: 10/09/96  
COMPLETED BY: L. Calfa  
TELEPHONE: (815)357-6761 x2620

MONTH: September, 1996:

DAY	POWER	DAY	POWER
1	1078	17	1098
2	988	18	1097
3	1110	19	1094
4	1072	20	1104
5	1071	21	1108
6	1075	22	753
7	1075	23	-12
8	1076	24	-11
9	1076	25	-11
10	1080	26	-10
11	1081	27	-9
12	1084	28	-9
13	1091	29	-9
14	1097	30	-9
15	1096		
16	1097		

D. UNIT SHUTDOWNS AND POWER REDUCTIONS >20% FOR UNIT ONE

YEARLY SEQUENTIAL NUMBER	DATE (YY/MM/DD)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON CODE	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS OR COMMENTS
05	96/09/22	F	198.9	A	2	Turbine Control Valve No. 4 Failing Open

Summary of Operation:

The unit started the month at full power operation. On September 22, 1996 at approximately 1400 hours a power decrease was commenced to shutdown the unit due to problems with the No. 4 Turbine Control Valve. At 1707 that same day a manual scram was inserted. The unit remained shut down for the remainder of the month.

## II. Monthly Report for LaSalle Unit Two--September, 1996

### A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT TWO

DAY	TIME	EVENT
1	0000	Reactor Critical
20	0048	Unit coasting down for refueling outage, 135 MWe
20	0107	Power level 62 MWe
20	0122	Tripped Main Turbine
20	0204	Reactor Scram
30	2400	Refuel outage L2R07



B. OPERATING DATA REPORT FOR UNIT TWO

DOCKET NO.: 050-374  
UNIT: LaSalle Two  
DATE: 10/09/96  
COMPLETED BY: L. Calfa  
TELEPHONE: (815)357-6761 x2620

OPERATING STATUS

1. Reporting Period: September, 1996 Gross Hours: 720
2. Currently Authorized Power Level: 3,323 (MWt)  
Design Electrical Rating: 1,078 (MWe-net)  
Max Dependable Capacity: 1,036 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		THIS MONTH	YEAR-TO-DATE	CUMULATIVE
5.	Reactor Critical Hours	458.1	5,755.2	77,044.8
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1,716.9
7.	Hours Generator On-Line	457.0	5,650.9	75,492.4
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWHt)	1,197,806	17,128,033	229,097,288
10.	Gross Electric Energy (MWHe)	408,438	5,824,691	76,722,547
11.	Net Electrical Energy (MWHe)	394,587	5,642,329	73,795,001
12.	Reactor Service Factor (%)	63.6	87.5	73.5
13.	Reactor Availability Factor (%)	63.6	87.5	75.2
14.	Unit Service Factor (%)	63.5	85.9	72.0
15.	Unit Availability Factor	63.5	85.9	72.0
16.	Unit Capacity Factor (MDC)	52.9	82.8	68.0
17.	Unit Capacity Factor (design MWe)	50.8	79.6	65.3
18.	Unit Forced Outage Factor (%)	0.0	10.5	10.1

19. Shutdowns Scheduled Over Next 6 Months: Refuel, 09/20/96, 8 weeks
20. If Shutdown at End of Report Period, Estimated Date of Startup: 11/13/96

C. AVERAGE DAILY UNIT POWER LEVEL (MWe-Net) FOR UNIT TWO

DOCKET NO.: 050-374  
UNIT: LaSalle Two  
DATE: 10/09/96  
COMPLETED BY: L. Calfa  
TELEPHONE: (815)357-6761 x2620

MONTH: September, 1996:

DAY	POWER	DAY	POWER
1	919	17	882
2	905	18	877
3	926	19	504
4	894	20	-3
5	888	21	-11
6	889	22	-11
7	886	23	-11
8	889	24	-11
9	892	25	-11
10	888	26	-10
11	880	27	-9
12	889	28	-9
13	893	29	-9
14	891	30	-9
15	889		
16	883		

D. UNIT SHUTDOWNS AND POWER REDUCTIONS >20% FOR UNIT TWO

YEARLY SEQUENTIAL NUMBER	DATE (YY/MM/DD)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON CODE	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS OR COMMENTS
06	96/09/22	S	263	C	2	Refuel Outage (L2R07)

Summary of Operation:

The unit started the month in a coastdown condition for the upcoming refuel outage. The reactor was manually scrammed on 09/21/96 to start refuel outage L2R07.