UNIT 1

MONTHLY PERFORMANCE REPORT

AUGUST 1988

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373 LICENSE NO. NPF-11

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INTRODUCTION

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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 ponlusing the Illinois River for make-up and blowdown. The architect-engineer was Sargent and Lundy and the primary construction 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 Steven J. Samolinski, telephone number (815)357-6761, extension 705.

II. MONTHLY REPORT FOR UNIT ONE

A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT ONE

August 1-31

August 1, 0000 hours Unit One entered August with the Reactor critical and the Generator on-line at 900 MWe.

August 5, 2200 hours Load drop to 638 MWe to collect RR data.

August 6, 0100 hours Ramping to 943 MWe.

August 24, 2300 hours Load drop to 644 MWe for rod set.

August 25, 0200 hours Ramping to 1096 MWe.

August 29, 1800 hours Load drop to 803 MWe for heater drain problems.

August 31, 2400 hours Unit One is on line and holding at 1100 MWe.

- B. PLANT OF PROCEDURE CHANGES, TESTS, EXPERIMENTS AND SAFETY RELATED MAINTENANCE.
 - 1. Amendments to Facility License or Technical Specification.

There were no amendments to the Facility License or Technical Specifications during the month of August

Changes to procedures which are described in the Safety Analysis Report.

There were no changes to procedures which are described in the Safety Analysis Report.

3. Tests and Experiments not described in the Safety Analysis Report.

There were no tests or experiments conducted during August which are not described in the Safety Analysis Report.

4. Corrective Maintenance of Safety Related Equipment.

The following table (Table 1) presents a Summary of safety-related maintenance completed on Unit One during the reporting period. The headings indicated in this summary include: Work Request number, Component Name, Cause of Malfunction, Essults and Effects on Safe Operation, and Corrective Action.

5. Completed Safety Related Modifications.

The following Table (Table 2) presents a list of completed Modifications during this reporting period. Each entry will have a short synopsis explaining details involved with each modification.

CORRECTIVE GAISTENANCE OF SAFETY RELATED EQUIPMENT

WORK REQUE	UNIT #1 ST COMPONENT	CAUSE OF MALFUNCTION	RESULTS AND EFFECTS ON SAFE PLANT OPERATION	CORRECTIVE ACTION
L83334	ACB 1433 GE Magna- blast breaker	Breaker failure due to wear and improper maintenance	Breaker would not latch closed	Replaced breaker
L83216	1VR05YB Isolation damper	Asco solenoid failure	Damper would not close	Replaced solenoid
L75842	1VR04YA Isolation damper	Ascc solenoid failure	Damper would not close	Replaced solenoid
L83168	ODGOIP O D/G cooling water pump	Breaker failure resulted in faulted motor windings	Unable to supply cooling water to OD/G, Div. I switchgear reoms, and LPCS pumps.	Breaker and motor replaced

TABLE 2

COMPLETED SAFETY RELATED MODIFICATIONS

MODIFICATION NUMBER: A brief synopsis of incor, rated modification objectives with final design resolution. Also, state reviewed or unreviewed safety questions.

UNIT ONE

M-1-0-83-019	Installation and revision of floor drains and curbing in the electrode boiler area. The new curbing will contain the water which has collected on the floor in the boiler area.
M-1-1-85-018	Removal of the existing dampers IVPO2CA/B and their associated operators and replace with standard galvanized, non safety-related dampers.
M-1-1-87-084	Snubber reduction on the Main Steam piping subsystem per snubber reduction program.

C. LICENSEE EVENT REPORTS

The following is a tabular summary of all licensee event reports for LaSalle Nuclear Power Station, Dait One, logged during the reporting period, August 1 through August 31, 1988. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

Licensee Event Report Number	Date	Title of Occurrence
88-017-00	8/21/88	"B" VC Ammonia Detector Actuation.
88-018-00	8/22/88	0 D/G Cooling Pump Motor Failure.
88-019-00	8/29/88	Failure of 1B D/G Breaker to Auto Close onto Bus within 13 seconds.

D. DATA TABULATIONS

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The following data tabulations are presented in this report:

- 1. Operating Data Report
- 2. Average Daily Unit Power Level
- 3. Unit Shutdowns and Power Reductions

1. OPERATING DATA REPORT

DOCKET NO. 050-373

UNIT LaSalle One
DATE Sept. 10, 1988

COMPLETED BY S. J. Samolinski
TELEPHONE (815)357-6761

OPERATING STATUS

1.	REPORTING PERIOD: August, 1988 GRO	SS HOURS I	N REPORTING P	ERIOD: 744
2.	CURRENTLY AUTHORIZED POWER LEVEL (MWt):3323 MAX	DEPEND CAPAC	ITY
	(MWe-Net): 1036 DESIGN ELECTRICAL R	ATING (MWe	Net): 1078	
	POWER LEVEL TO WHICH RESTRICTED (IF A			
4.	REASONS FOR RESTRICTION (IF ANY): No	ne		
		THIS MONT	H YR TO DATE	CUMULATIVE
5	NUMBER OF HOURS REACTOR WAS CRITICAL REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH)	744.0	3002.1	23046.6
5.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1642.0
1.	HOURS GENERATOR ON LINE	744.0	2890.3	22320.3
	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
	GROSS THERMAL ENERGY GENERATED (MWH)	2257968	8287560	60121858
0.	GROSS ELEC. ENERGY GENERATED (MWH)	736521	2252901	19669677
1.	NET ELEC. ENERGY GENERATED (MWH) REACTOR SERVICE FACTOR	703253	3067338	19165979
2.	REACTOR SERVICE FACTOR	100.0%	51.3%	56.3%
3.	REACTOR AVAILABILITY FACTOR	100.0%	51.3%	60.3%
4.	UNIT SERVICE FACTOR	100.0%	49.4%	54.5%
5.	UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR	100.0%	49.4%	54.5%
6.	UNIT CAPACITY FACTOR (USING MDC)	91.2%	50.6%	45.2%
	UNIT CAPACITY FACTOR (USING DESIGN			
	MWe)	87.7%	48.6%	43.4%
18.	MWe) UNIT FORCED OUTAGE RATE	0.0%	4.8%	13.1%

N/A

20. IF SHUT DOWN IS AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

N/A

2. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 050-373

UNIT: LASALLE ONE

DATE: Sept. 10, 1988

COMPLETED BY: S. J. Samolinski TELEPHONE: (815) 357-6761

MONTH: AUGUST, 1988

DAY AVERAGE DAILY POWER LEVEL DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

(MWe-Net)

1	950.6	17	939.2	
2	974.0	18	964.2	
3	947.6	19	989.8	
4	963.4	20,	910.1	Maria de Maria
5	982.3	21	898.8	
6	825.1	22	952.5	
7	819.0	23	925.7	
8	913.1	24	1005.0	
9	1026.6	25	889.9	
10	990.0	26	1039.2	-
11	974.3	27	991.4	-
12	949.4	28	886.1	
13	977.5	29	895.3	anistenes.
14	936.0	30	908.7	
15	999.5	31	939.5	no emittore
16	951.3			

3. UNIT SHUTDOWNS AND POWE. REDUCTIONS

REPORT MONTH AUGUST, 1988

DOCKET NO. 050-373
UNIT NAME LaSalle One
DATE September 10, 1988
COMPLETED BY S. Samolinski
TELEPHONE (815)357-6761

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OP REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
7	8/5/88	S	0.0	В	5	Load drop to gather RR data
8	8/24/88	s	0.0	н	5	Load drop to 644 MWe for control rod set

E. UNIQUE REPORTING REQUIREMENTS

1. Safety/Relief va) operations for Unit One.

VALVES NO F TYPE PLANT DESCRIPTION
DATE ACTUATED ACTUATION CONDITION OF EVENT

There were no Safety Relief Valves actuations for Unit One during the reporting period August 1 through August 31, 1988.

2. ECCS Systems Outages

The following outages were taken on ECCS Systems during the reporting period.

OUTAGE NO.	EQUIPMENT	PURPOSE OF OUTAGE
0-208-88	0 D/G cooling water pump 0 DG01P	Replace motor
0-210-88	0 DG01P	Repack coupling
0-211-88	0 D/G	Lubrication
1-1634-88	1A D/G	Repair air pilot valve
1-1635-88	1A RHR heat exchanger	Hydrolaze Service water side.
1-1683-88	LPCS pump	Change oil

. 3. Off-Site Dose Calculation Manual

Review of past Monthly Operating Reports submitted to the NRC identified that changes to the Offsite Dose Calculation Manual (ODCM) were incompletely reported. Technical Specifications require a determination that changes made will not reduce the accuracy or reliability of dose calculations or setpoint determinations. This information was not included in the submittal of revisions 11A, 12 and 12A to the ODCM.

Technical evaluation of revisions 11A, 12 and 12A to the ODCM has determined that the changes do not reduce the accuracy or reliability of the dose calculations and setpoint determinations have not been affected.

Radioactive Waste Treatment Systems.

No changes to Radioactive Waste Treatment systems during the reporting period.

5. Indications of Failed Fuel Elements

No indications of Failed Fuel Elements on Unit One during this reporting period.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

AUGUST, 1988

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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- C. LICENSEE EVENT REPORTS
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 - 1. Operating Data Report
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 - 3. Unit Shutdowns and Power Reductions
- E. UNIQUE REPORTING REQUIREMENTS
 - 1. Safety/Relief Valve Operations
 - 2. ECCS System Outages
 - 3. Off-Site Dose Calculation Manual Changes
 - 4. Major Changes to Radioactive Waste Treatment System
 - 5. Indications of Failed Fuel Elements

INTRODUCTION

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 primary construction 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 June 19, 1984.

This report was compiled by Steven J. Samolinski, telephone number (815)357-6761 extension 705.

II. MONTHLY REPORT FOR UNIT TWO

A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT TWO

August 1-31

August 1, 0000 hours Unit Two entered August with the reactor critical and the generator on-line at 750 MWe.

August 6, 1200 hours Load drop to 446 MWe to maintain condenser backpressure.

August 10, 0000 nours Load drop to 440 MWe per L.D.

August 10, 0530 hours Ramping to 857 MWe.

August 19, 0400 hours Generator off line to repair steam leaks.

August 20, 0430 hours Generator on line and ramping to 178 MWe.

August 22, 0500 hours Ramping to 665 MWe.

August 31, 2323 hours Generator taken off line. Reactor in process of being shutdown for Technical Specification Compliance.

August 31, 2400 hours Generator off line, reactor shutdown proceeding.

- B. PLANT OR PROCEDURE CHANGES, TESTS, EXPERIMENTS AND SAFETY RELATED MAINTENANCE.
 - Amendments to Facility license or Technical Specification.
 There were no amendments to the Facility License or Technical Specifications during the month of August.
 - Changes to procedures which are described in the Safety Analysis Report.
 - There were no changes to procedures which are described in the Safety Analysis Report.
 - 3. Tests and Experiments not described in the Safety Analysis Report.
 There were no tests or experiments conducted during the month of August which are not described in the Safety Analysis Report.
 - 4. Corrective Maintenance of Safety Related Equipment.

The following table (Table 1) presents a summary of Safety-Related Maintenance completed on Unit Two during the reporting period. The headings indicated in this summary include: Work Request number, Component Name, cause of malfunction, results and effects on safe operation, and corrective action.

Completed Safety Related Modifications.

The following table (Table 2) presents a list of completed Modifications during this reporting period. Each entry will have a short synopsis explaining details involved with each modification.

TABLE 1

CORRECTIVE MAINTENANCE OF SAFETY RELATED EQUIPMENT

WORK REQUEST	Unit #2 COMPONENT	CAUSE OF MALFUNCTION	RESULTS AND EFFECTS ON SAFE PLANT OPERATION	CORRECTIVE ACTION
L8304i	PDS-2E31-N007BB Pressure Differential Switch	Ruptured diaphragm	Division II isolation and RCIC trip unavailable	Switch replaced

TABLE 2

COMPLETED SAFETY RELATED MODIFICATIONS

MODIFICATION NUMBER: 7. brief Synopsis of Incorporated Modification Objectives with final design resolution. Also, state reviewed or unreviewed safety questions.

UNIT TWO

There were no Safety-Related Modifications completed on Unit Two during the month of August.

C. LICENSEE EVENT REPORTS

The following is a tabular summary of all licensee event reports for LaSalle Nuclear Power Station, Unit Two, logged during the reporting period, July 1, through July 31, 1988. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

Licensee Event Report Number	Date	Title of Occurrence
88-009-00	8/17/88	RCIC INOP Due to Failed SOR Switch.
88-010-00	8/31/88	Failure of ADS Backup Nitrogen Bottle Pressure Regulator.

D. DATA TABULATIONS

The following data tabulations are presented in this oport:

- 1. Operating Data Report
- 2. Average Daily Unit Power Level
- 3. Unit Shutdowns and Power Reductions

. 1. OPERATING DATA REPORT

DOCKET NO. 050-374

UNIT LaSalle Two
DATE Sept. 10, 1988

COMPLETED BY Steven J. Samolinski
TELEPHONE (815)357-6761

OPERATING STATUS

1.	REPORTING PERIOD: August, 1988 GRO	SS HOURS IN	N REPORTING P	ERIOD: 744
2.	CURRENTLY AUTHORIZED POWER LEVEL (MWt):3323 MAX	DEPEND CAPAC	ITY
	(MWe-Net): 1036 DESIGN ELECTRICAL R	ATING (MWe-	Net): 1078	
3.	POWER LEVEL TO WHICH RESTRICTED (IF A	NY) (MWe-N	et): 725	
4.	REASONS FOR RESTRICTION (IF ANY): Pu	el Depletio	on, Administra	ative
			H YR TO DATE	
5	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5635.5	22438.3
6.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	29.8
7.	HOURS GENERATOR ON LINE	718.8	5611.7	22082.8
8.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
9.	REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH)	1700136	15973752	63768808
10.	GROSS ELEC. ENERGY GENERATED (MWH)	509725	5224376	21032587
11.	NET ELEC. ENERGY GENERATED (MWH)	489642	5021821	20104434
12.	REACTOR SERVICE FACTOR REACTOR AVAILABILITY FACTOR UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR UNIT CAPACITY FACTOR (USING MDC)	100.0%	96.6%	66.1%
13.	REACTOR AVAILABILITY FACTOR	100.0%	96.6%	66.2%
14.	UNIT SERVICE FACTOR	96.6%	95.8%	65.1%
15.	UNIT AVAILABILITY FACTOR	96.6%	95.8%	65.1%
16.	UNIT CAPACITY FACTOR (USING MDC)	63.5%	82.8%	57.2%
11.	UNIT CAPACITY FACTOR (USING DESIGN			
	Mwe)	61.1%	79.6%	55.0%
18.	MWe) UNIT FORCED OUTAGE RATE	0.1%	4.0%	17.0%
19.	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTH	S (TYPE, D	ATE, AND DURAS	TION OF EACH):

Unit 2 is scheduled for Second Refuel Outage on October 15, 1988. The outage is scheduled to last 15 weeks.

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 9/3/88

. . . 2. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 050-374

UNIT: LASALLE TWO

DATE: Sept. 10, 1988

COMPLETED BY: Steven J. Samolinski

TELEPHONE: (815) 357-6751

MONTH: AUGUST, 1988

DAY AVERAGE DAILY POWER LEVEL DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

(MWe-Net)

1	792.4	17	748.2
2	803.9	18	736.5
3,	789.8	19	17.5
4	773.5	20	105.0
5	789.5	21	162.0
6	696.8	72,	465.8
7	540.3	23	745.0
8	607.8	24	747.7
9	578.7	25	717.8
10	709.3	26	752.2
11	744.9	27	741.5
12	766.7	28	736.3
	783.5	29	730.1
14	703.3	30	723.7
15	795.3	31	634.3
16	762.8		

E. UNIQUE REPORTING REQUIREMENTS

Safety/Relief Valve Operations for Unit Two.

DATE VALVES NO & TYPE PLANT DESCRIPTION ACTUATED ACTUATIONS CONDITION OF EVENT

There were no Safety Relief Valve actuations during the reporting period August 1 through August 31, 1988 for Unit Two.

3. UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST, 1988

DOCKET NO. 050-374
UNIT NAME LaSalle Two.
DATE September 10, 1988
COMPLETED BY S. Samolinski
TELEPHONE (815)357-6761

NO.	DATE	TYPE F: PORCED S: SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
11	8/6/88	F	0.0	В	5	Load drop to 446 MWe to maintain Condenser Backpressure.
12	8/19/88	S	24.5	В	5	Off-line to repair steam leaks.
13	8/31/88		0.62	A		Shutdown for Technical Specification compliance. Div I and II inoperative due to instrument nitrogen problems.

2. ECCS Systems Outages

The following outages were taken on BCCS Systems during the reporting period.

OUTAGE NO.	EQUIPMENT	PURPOSE OF OUTAGE
2-424-88	2E51-F063 2E51-F076	Technical Specification 3.3.2, Bad SOR.
2-452-88	2812-F047A	BQ MOV inspection.
2-453-88	2812-F040A	BQ MOV inspection.

3. Off-Site Dose Calculation Manual

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Review of past Monthly Operating Reports submitted to the NRC identified that changes to the Offsite Dose Calculation Manual (ODCM) were incompletely reported. Technical Specifications require a determination that changes made will not reduce the accuracy or reliability of dose calculations or setpoint determinations. This information was not included in the submittal of revisions IIA, 12 and 12A to the ODCM.

Technical evaluation of revisions 11A, 12 and 12A to the ODCM has determined that the changes do not reduce the accuracy or reliability of the dose calculations and setpoint determinations have not been affected.

4. Radioactive Waste Troatment Systems.

No changes to Radioactive waste treatment systems during this reporting period.

5. Indications of Failed Fuel Elements.

Off Gas levels indicate that there is one pinhole Fuel Blement failure in the reactor vessel. This does not represent a change from the previous reporting period.

There were no further indications of failed fuel elements during this reporting period.

September 10, 1988

Director of Nuclear Reactor Regulation United States Nuclear Regulatory Commission Mail Station P1-137 Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the monthly performance report covering LaSalle County Nuclear Power Station for the period August 1, 1988 through August 31, 1988.

Very truly yours,

G. J. Diederich Station Manager

LaSalle County Station

GJD/SJS/jdp

Enclosure

xc: A. B. Davis, NRC, Region III

NRC Resident Inspector LaSalle

Gary Wright, Ill. Dept. of Nuclear Safety

P. Shemanski, NRR Project Manager

D. P. Galle, CECo

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L. J. Anastasia, AIP Coordinator, Nuclear Services

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H. E. Bliss, Manager of Nuclear Licensing

W. F. Naughton, Nuclear Fuel Services Manager

C. F. Dillon, Senior Financial Coordinator, LaSalle

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Central File