

LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

OCTOBER 1986

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

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## I. 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 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 James P. Peters, telephone number (815)357-6761 extension 325.

II. MONTHLY REPORT FOR UNIT ONE

A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT ONE

October 1-31

October 1, 0001 Hours. The Unit entered October with the Reactor Critical and on-line at 55.9% Power (615 MWe).

October 3, 2200 Hours. Began Decreasing Power 25 MWe/hr. to 27.3% (300 MWe) due to drywell entry.

October 4, 1052 Hours. Began Increasing Power 16 MWe/hr. to 80.9% (890 MWe).

October 6, 0000 Hours. Began Decreasing Power to 53.6% (590 MWe) for Control Rod Manipulations.

October 6, 0600 Hours. Began Increasing Power at 7.7 MWe/hr to 90% (990 MWe).

October 10, 0200 Hours. Began Decreasing Power 50 MWe for Control Rod Manipulations.

October 10, 0245 Hours. Began Increasing Power at 15 MWe/hr to 90% (990 MWe).

October 15, 1600 Hours. Began Decreasing Power 50 MWe to 85.5% (940 MWe) due to Control Rod Manipulations.

October 15, 1710 Hours. Began Increasing Power at 10 MWe/hr to 90% (990 MWe).

October 18, 0115 Hours. Began Decreasing Power 120 MWe to 79.1% (870 MWe) for MSIV and TCV Surveillance Testing.

October 18, 0900 Hours. Began Decreasing Power 260 MWe to 55.5% (610 MWe) due to maintenance needed on MSIV Limit Switch.

October 18, 1245 Hours. Began Increasing Power at 10 MWe/hr to 90.1% (995 MWe).

October 24, 0550 Hours. Began Decreasing Power 20 MWe to 75% (835 MWe) to swap FW 1B TDRFP with MDRFP.

October 24, 0600 Hours. Began Increasing Power at 10 MWe/hr to 82.8% (911 MWe).

October 25, 0140 Hours. Began Increasing Power at 7.7 MWe/hr to 96.5% (1062 MWe).

October 31, 2400 Hours. Reactor and Generator on-line and holding at 96% (1060 MWe).

B. PLANT OR PROCEDURE CHANGES, TESTS, EXPERIMENTS AND SAFETY RELATED MAINTENANCE.

1. Amendments to facility license or Technical Specification.

Amendment 46 - Incorporate changes to reporting requirements for Iodine Spiking from a short term report to an item included in Annual Report, for Report Requirements on Primary Coolant Iodine Spikes.

2. Facility or procedure changes requiring NRC approval.

There were no procedure changes requiring NRC approval during this reporting period.

The following facility changes which required NRC Approval were made up to this reporting period.

<u>MODIFICATION NUMBER</u>	<u>DESCRIPTION</u>
1-1-82-263	Redundant Vent and Drain Valves and diverse and redundant scram instrumentation.
1-1-82-290	Redundant Fault protection in power circuits of electrical penetration circuits.

3. Tests and Experiments requiring NRC approval.

There were no tests or experiments requiring NRC approval during this reporting period.

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, Results and Effects on Safe Operation, and Corrective Action.

TABLE 1

CORRECTIVE MAINTENANCE OF  
SAFETY RELATED EQUIPMENT

WORK REQUEST	UNIT #1 COMPONENT	CAUSE OF MALFUNCTION	RESULTS AND EFFECTS ON SAFE PLANT OPERATION	CORRECTIVE ACTION
L61873	DG 1A Compressor Start/Stop Pressure Switch 1PS-DG043A	Pressure Switch out of calibration.	The Compressor does not cycle.	Recalibrated Pressure Switch.
L61894	Post Loca Primary Containment O <sub>2</sub> Recorder 1AIR-CM048	Pen Bound up.	Red Pen for O <sub>2</sub> Recorder was sticking.	Cleared and Lubricated Recorder.
L61946	E-APRM 1C51-K605GS	APRM E HI set out of tolerance.	APRM E generates APRM Hi and Rod out block alarms when not bypassed.	Replaced and recalibrated trip unit.
L62026	Suppression Pool Temperature Recorder 1TR-CM037	Bad circuit card and connector.	Failure of LIS-CM-104	Replaced circuit card and connector.
L62340	DIV-II, Suppression Pool Temperature Recorder 1TR-CM038	Bad Amplifier Assembly	All points read approximately 30 degrees low	Replaced Amplifier Assembly.
L62561	1B21-F028D Outbd Limit Switch #4	Limit Switch was out of adjustment.	Upon re-opening, Limit Switch would not make (K3G would not re-energize).	Readjusted Limit Switch #4.
L62562	1B21-F028A Outbd. Limit Switch #4	Limit Switch was out of adjustment.	Upon slow closing, limit switch would not reopen (K3A does not de-energize).	Readjusted Limit Switch #4.
L62772	DIV-I Post Loca O <sub>2</sub> Monitor 1AIR-CM047	Found bad regulators, O <sub>2</sub> Cell, Vacuum Pump, and various leaks.	Division I read about 2-3 times less than DIV.II.	Replaced regulators R1, R2 and R4, O <sub>2</sub> cell, Vacuum Pump and Repair leaks at panel.

C. LICENSEE EVENT REPORTS

The following is a tabular summary of all licensee event reports for LaSalle Nuclear Power Station, Unit One, logged during the reporting period, October 1, through October 31, 1986. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
86-039-00	10/16/86	Residual Heat Removal Shutdown Cooling Suction High Flow Isolation Switch was lock wired Closed, instead of Open during LIS-RH-312 due to personnel error.

D. DATA TABULATIONS

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 November 10, 1986  
 COMPLETED BY James P. Peters  
 TELEPHONE (815)357-6761

OPERATING STATUS

1. REPORTING PERIOD: October, 1986 GROSS HOURS IN REPORTING PERIOD: 745  
 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3323 MAX DEPEND CAPACITY  
 (MWe-Net): 1036 DESIGN ELECTRICAL RATING (MWe-Net): 1078  
 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 1035  
 4. REASONS FOR RESTRICTION (IF ANY): Administrative

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>745</u>	<u>984.65</u>	<u>13023.65</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>1642.0</u>
7. HOURS GENERATOR ON LINE	<u>745</u>	<u>928.62</u>	<u>12570.62</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2077296</u>	<u>2325576</u>	<u>34539226</u>
10. GROSS ELEC. ENERGY GENERATED (MWH)	<u>688665</u>	<u>761199</u>	<u>11260593</u>
11. NET ELEC. ENERGY GENERATED (MWH)	<u>662943</u>	<u>638846</u>	<u>10643303</u>
12. REACTOR SERVICE FACTOR	<u>100%</u>	<u>13.5%</u>	<u>52.4%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100%</u>	<u>13.5%</u>	<u>58.9%</u>
14. UNIT SERVICE FACTOR	<u>100%</u>	<u>12.7%</u>	<u>50.6%</u>
15. UNIT AVAILABILITY FACTOR	<u>100%</u>	<u>12.7%</u>	<u>50.6%</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>85.9%</u>	<u>8.5%</u>	<u>41.3%</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>82.5%</u>	<u>8.1%</u>	<u>39.7%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>16.4%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) NONE.			
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>N/A.</u>			

2. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 050-373  
UNIT: LASALLE ONE  
DATE: November 10, 1986  
COMPLETED BY: James P. Peters  
TELEPHONE: (815) 357-6761  
MONTH: October 1986

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1. _____ 583 _____	17. _____ 956 _____
2. _____ 577 _____	18. _____ 753 _____
3. _____ 570 _____	19. _____ 861 _____
4. _____ 452 _____	20. _____ 986 _____
5. _____ 790 _____	21. _____ 1036 _____
6. _____ 672 _____	22. _____ 1008 _____
7. _____ 842 _____	23. _____ 1016 _____
8. _____ 956 _____	24. _____ 911 _____
9. _____ 946 _____	25. _____ 964 _____
10. _____ 939 _____	26. _____ 1028 _____
11. _____ 961 _____	27. _____ 985 _____
12. _____ 965 _____	28. _____ 985 _____
13. _____ 965 _____	29. _____ 989 _____
14. _____ 963 _____	30. _____ 1024 _____
15. _____ 954 _____	31. _____ 1019 _____
16. _____ 964 _____	

ATTACHMENT E

3. UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-373  
UNIT NAME LaSalle One  
DATE November 10, 1986  
COMPLETED BY James P. Peters  
TELEPHONE (815)357-6761

REPORT MONTH OCTOBER, 1986

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NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
4.	10/18/86		S	0.0	H	5	MSIV and TCV Surveillance Testing

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E. UNIQUE REPORTING REQUIREMENTS

1. Safety/Relief valve operations for Unit One.

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO &amp; TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
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There were no Safety Relief Valves Operated for Unit One during this reporting period.

## 2. ECCS Systems Outages

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

<u>OUTAGE NO.</u>	<u>EQUIPMENT</u>	<u>PURPOSE OF OUTAGE</u>
0-204-86	0Dφ01P Fuel Oil Transfer Pp.	Replace Contactor at MCC 135Y-2, F3.
0-205-86	0 DG Maintenance Switch	Change Filters
0-210-86	0 DG Air Dryer "B" Drain Trap	Repair Drain Trap
1-1512-86	1B D/G	Lubrication and Filter Change
1-1513-86	1E22-D310 HPCS Sightglass	Clean Sightglass
1-1556-86	1E12-C003	Repair Leaks
1-1557-86	1E12-C003	Replace Contactor

3. Off-Site Dose Calculation Manual

There were no changes to the ODCM during this reporting period.

4. Radioactive Waste Treatment Systems.

There were no changes to the radioactive waste treatment system during this reporting period.

5. Indications of Failed Fuel Elements

There were no indications of Failed Fuel Elements from January 1, 1986 through October 31, 1986.

LASALLE NUCLEAR POWER STATION

UNIT 2

MONTHLY PERFORMANCE REPORT

OCTOBER, 1986

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-374

LICENSE NO. NPF-18

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    - 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



## I. 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 James P. Peters, telephone number (815)357-6761 extension 325.

LI. MONTHLY REPORT FOR UNIT TWO

A. SUMMARY OF OPERATING EXPERIENCE FOR UNIT TWO

October 1-31

October 1, 0001 Hours. The Unit entered October with the reactor critical and on-line at 84.1% (925 MWe).

October 3, 0030 Hours. Began decreasing power 50 MWe to 79.5% (875 MWe) due to control rod manipulations.

October 3, 0040 Hours. Began increasing power at 15 MWe/hr to 84.1% (925 MWe).

October 9, 2330 Hours. Began decreasing power at 150 MWe/hr. to 48.4% (532 MWe) due to control rod manipulations.

October 10, 0330 Hours. Began increasing power at 7.5 MWe/hr. to 90% (990 MWe).

October 17, 0005 Hours. Began decreasing power 50 MWe to 81.8% (900 MWe) due to control rod manipulations.

October 17, 0125 Hours. Began increasing power at 12 MWe/hr. to 90.3% (995 MWe).

October 24, 0000 Hours. Began decreasing power 50 MWe to 81.8% (900 MWe) due to control rod manipulation.

October 24, 0215 Hours. Began increasing power at 10 MWe/hr. to 90% (990 MWe).

October 29, 2330 Hours. Began decreasing power at 150 MWe/hr. to 51.8% (570 MWe) due to load dispatcher.

October 30, 0405 Hours. Began increasing power at 11 MWe/hr. to 90% (990 MWe).

October 31, 2400 Hours. Reactor and generator on-line and holding at 91% (1000 MWe).

B. PLANT OR PROCEDURE CHANGES, TESTS, EXPERIMENTS AND SAFETY RELATED MAINTENANCE.

1. Amendments to facility license or Technical Specification.

Amendment 25 - Incorporate the replacement of 8 - 26 inch and 2 - 8 inch Vent and Purge Isolation Valves by Clow Corp. that meet all vent and purge requirements.

Amendment 26 - Incorporate the instruments for Suppression Pool Water Level and Water Temperature Monitoring Instrumentation at the Remote Shutdown Panel.

Amendment 27 - Incorporate the Modification of Automatic Depressurization System Logic required by License Condition 2.C.(18)(d)(i).

Amendment 28 - Incorporate changes to reporting requirements for Iodine Spiking from a short term report to an item included in Annual Report, for reporting requirements on Primary Coolant Iodine Spikes.

2. Facility or procedure changes requiring NRC approval.  
There were no facility or procedure change requiring NRC approval during the reporting period.

3. Tests and experiments requiring NRC approval.  
There were no tests or experiments requiring NRC approval during the reporting period.

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.

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
L61246	RCIC Turb. Trip and Throttle Valve 2TTV.	Dirty Limit Switch Contactors.	During testing the 2TTV would not trip from the Control Room.	Cleaned Limit Switch Contactors.
L61247	IRM B 2C51-K601B	Loose connection at Voltage Regulator Card.	Sporadic operation at Erratic time intervals.	Adjusted loose connection.
L61977	RCIC Water Leg Pp. 2E51-C003	Worn Pump and Intervals.	Pump is extremely loud with excessive vibration.	Installed new pump and seal.
L62291	Ion Chamber Power Supply	Defective Power Supply.	Incomplete Surveillance LIS-NR-211	Replaced Power supply.
L62465	"B" VC Ammonia Detector OXY-VC165B	Bad optic cell board.	Detector will not reset.	Replaced optic cell board.
L62622	Reactor Pressure Recorder 2C34-R609	Incorrect Gain Setting on Recorder.	Erratic Indication.	Adjusted gain on Recorder.
L62683	DIV-III, 125 VDC Ground Detector	Shorted Ground Detector.	DIV-III has a 125 Volt Ground.	Replaced Ground Detector.

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, October 1 through October 31, 1986. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
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There were no Licensee Event Reports for this unit during this reporting period.

D. DATA TABULATIONS

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. 050-374  
 UNIT LaSalle Two  
 DATE November 10, 1986  
 COMPLETED BY James P. Peters  
 TELEPHONE (815)357-6761

OPERATING STATUS

1. REPORTING PERIOD: October, 1986 GROSS HOURS IN REPORTING PERIOD: 745
  2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3323 MAX DEPEND CAPACITY (MWe-Net): 1036 DESIGN ELECTRICAL RATING (MWe-Net): 1078
  3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 982
  4. REASONS FOR RESTRICTION (IF ANY): Administrative
- |   | THIS MONTH     | YR TO DATE      | CUMULATIVE      |
|---|----------------|-----------------|-----------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL     | <u>745</u>     | <u>5150.05</u>  | <u>10539.45</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS           | <u>0.0</u>     | <u>29.83</u>    | <u>29.83</u>    |
| 7. HOURS GENERATOR ON LINE                  | <u>745</u>     | <u>5070.62</u>  | <u>10306.92</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS              | <u>0.0</u>     | <u>0.0</u>      | <u>0.0</u>      |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)     | <u>2107104</u> | <u>14329560</u> | <u>29838112</u> |
| 10. GROSS ELEC. ENERGY GENERATED (MWH)      | <u>696253</u>  | <u>4734546</u>  | <u>9844615</u>  |
| 11. NET ELEC. ENERGY GENERATED (MWH)        | <u>669984</u>  | <u>4548344</u>  | <u>9371559</u>  |
| 12. REACTOR SERVICE FACTOR                  | <u>100%</u>    | <u>70.6%</u>    | <u>42.4%</u>    |
| 13. REACTOR AVAILABILITY FACTOR             | <u>100%</u>    | <u>70.9%</u>    | <u>42.5%</u>    |
| 14. UNIT SERVICE FACTOR                     | <u>100%</u>    | <u>69.5%</u>    | <u>41.4%</u>    |
| 15. UNIT AVAILABILITY FACTOR                | <u>100%</u>    | <u>69.5%</u>    | <u>41.4%</u>    |
| 16. UNIT CAPACITY FACTOR (USING MDC)        | <u>86.8%</u>   | <u>60.2%</u>    | <u>50.7%</u>    |
| 17. UNIT CAPACITY FACTOR (USING DESIGN MWe) | <u>83.4%</u>   | <u>57.8%</u>    | <u>48.7%</u>    |
| 18. UNIT FORCED OUTAGE RATE                 | <u>0.0%</u>    | <u>30.5%</u>    | <u>29.0%</u>    |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
 A refueling outage is scheduled to begin January 2, 1987.
  20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP NA

2. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 050-374  
UNIT: LASALLE TWO  
DATE: November 10, 1986  
COMPLETED BY: James P. Peters  
TELEPHONE: (815) 357-6761  
MONTH: October, 1986

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1. _____	883	17. _____	946
2. _____	874	18. _____	942
3. _____	873	19. _____	936
4. _____	889	20. _____	929
5. _____	882	21. _____	923
6. _____	878	22. _____	914
7. _____	874	23. _____	909
8. _____	870	24. _____	931
9. _____	870	25. _____	931
10. _____	691	26. _____	963
11. _____	852	27. _____	918
12. _____	940	28. _____	912
13. _____	951	29. _____	907
14. _____	947	30. _____	779
15. _____	942	31. _____	924
16. _____	936		



ATTACHMENT E

3. UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-374  
UNIT NAME LaSalle Two  
DATE November 10, 1986  
COMPLETED BY James Peters  
TELEPHONE (815)357-6761

REPORT MONTH OCTOBER, 1986

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NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
12.	10/10/86		S	0.0	H	5	Control Rod Manipulations

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E. UNIQUE REPORTING REQUIREMENTS

1. Safety/Relief Valve Operations for Unit Two.

<u>DATE</u>	<u>VALVES</u>	<u>NO &amp; TYPE</u>	<u>PLANT</u>	<u>DESCRIPTION</u>
	<u>ACTUATED</u>	<u>ACTUATIONS</u>	<u>CONDITION</u>	<u>OF EVENT</u>

There were no safety relief valves operated for Unit #2 during this reporting period.

## 2. ECCS Systems Outages

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

<u>OUTAGE NO.</u>	<u>EQUIPMENT</u>	<u>PURPOSE OF OUTAGE</u>
2-575-86	RCIC Steam Drain Pot	Troubleshoot Level Switch.
2-576-86	RCIC System	Set limits on trip and throttle valve.
2-577-86	RCIC Water Leg Pp.	Replace Pump.
2-578-86	2E51-F010	Replace 74 Relay.
2-580-86	RCIC Water Leg Pp.	Rebuild Motor.
2-581-86	Condenser Vacuum Pp. 2OG03P	Repair Vacuum Pp.
2-611-86	2A DG	Change Soak Back Filters.
2-614-86	2B DG	Change Soak Back Filters.

3. Off-Site Dose Calculation Manual

There were no changes to the ODCM during this reporting period.

4. Radioactive Waste Treatment Systems.

There were no changes to the radioactive waste treatment system during this reporting period.

5. Indications of Failed Fuel Elements.

There is currently one suspected Fuel failure (one rod) on Unit #2 from the time period of January 1, 1986 to October 31, 1986. The reason for this suspected failure is that during January 20, 1986, the summation of 6 Nuclide activities at the Steam Jet Air Ejector increased approximately 450 uCi/sec. to 3000 uCi/sec. No unusual power maneuvers were occurring at the time, and we suspect an undetectable manufacturing flaw or just a "weak spot" in the Cladding that gave away.



**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

November 10, 1986

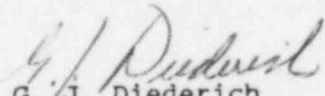
Director, Office of Management Information  
and Program Control  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the monthly performance report covering LaSalle County Nuclear Power Station for the period October 1, 1986 through October 31, 1986.

Very truly yours,

  
G. J. Diederich  
Station Manager  
LaSalle County Station

GJD/JPP/jdp

Enclosure

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