

Exelon Generation Company, LLC      www.exeloncorp.com  
LaSalle County Station  
2601 North 21<sup>st</sup> Road  
Marseilles, IL 61341-9757

October 15, 2001

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

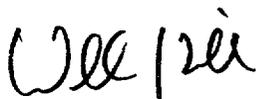
LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Subject:      Monthly Operating Report for September 2001

Enclosed is the Exelon Generation Company (EGC), LLC, Monthly Operating Report for LaSalle County Station covering the period from September 1 through September 30. This report is submitted in accordance with Technical Specification 5.6.4.

Should you have any questions concerning this letter, please contact Mr. William Riffer, Regulatory Assurance Manager, at (815) 415-2800.

Respectfully,



William Riffer  
Regulatory Assurance Manager  
LaSalle County Station

Enclosure

cc:      Regional Administrator - NRC Region III  
         NRC Senior Resident Inspector - LaSalle County Station

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LASALLE COUNTY STATION  
UNIT 1 AND UNIT 2  
MONTHLY PERFORMANCE REPORT

EXELON GENERATION COMPANY

NRC DOCKET NO. 50-373  
NRC DOCKET NO. 50-374

LICENSE NO. NPF-11  
LICENSE NO. NPF-18

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  - C. Unique Reporting Requirements For Unit 2

**I. Monthly Report for LaSalle County Station Unit One-September 2001**

**A. OPERATING DATA SUMMARY FOR UNIT ONE**

**DOCKET NO.:** 50-373  
**UNIT:** LaSalle One  
**DATE:** October 1, 2001  
**COMPLETED BY:** A. Duncan  
**TELEPHONE:** (815) 415-2813

1. Reporting Period: September 2001 Gross Hours: 720
2. Currently Authorized Power Level: 3489 (MWt)  
 Design Electrical Rating: 1154 (MWe-net)  
 Max Dependable Capacity: 1114 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		<b>THIS MONTH</b>	<b>YEAR-TO-DATE</b>	<b>CUMULATIVE</b>
5.	Reactor Critical Hours	720.0	6514.4	105441.5
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1641.2
7.	Hours Generator On-Line	720.0	6500.4	103262.2
8.	Unit Reserve Shutdown Hours	0.0	0.0	1.0
9.	Gross Thermal Energy (MWhT)	2501510.6	22473028.7	315371324.9
10.	Gross Electric Energy (MWhE)	841719.0	7582248.0	105754519.0
11.	Net Electrical Energy (MWhE)	816809.0	7364265.0	102129468.0
12.	Reactor Service Factor (%)	100.0	99.4	67.8
13.	Reactor Availability Factor (%)	100.0	99.4	68.8
14.	Unit Service Factor (%)	100.0	99.2	66.4
15.	Unit Availability Factor	100.0	99.2	66.4
16.	Unit Capacity Factor (MDC)	101.8	100.9	61.5
17.	Unit Capacity Factor (design MWe)	98.3	97.4	59.1
18.	Unit Forced Outage Factor (%)	0.0	0.8	11.4

19. Shutdowns Scheduled Over Next 6 Months: Refueling outage L1R09 is scheduled for January 10, 2002.
20. If Shutdown at End of Report Period, Date of Startup: N/A

**B. UNIT SHUTDOWNS AND OPERATING SUMMARY**

REPORT MONTH SEPTEMBER 2001

NO	DATE	TYPE (1)	DURATION (HOURS)*	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
None						

\* Year-to-date forced outage hours = 50.6  
 Cumulative forced outage hours = 13336.6

**TABLE KEY:**

(1)  
**F:** Forced  
**S:** Scheduled

(2)  
Reason:  
**A** Equipment Failure (Explain)  
**B** Maintenance or Test  
**C** Refueling  
**D** Regulatory Restriction  
**E** Operator / Licensing Exam  
**F** Administrative  
**G** Operational Error (Explain)  
**H** Other (Explain)

(3)  
Method:  
**1.** Manual  
**2.** Manual Scram  
**3.** Automatic Scram  
**4.** Continuation  
**5.** Other (Explain)

**SUMMARY:**

LaSalle Unit 1 operated at full power during September 2001, with the exception of the following:

- September 16, 2001 (0100) – The unit reduced power to 797 MWe to perform Main Steam Isolation Valve and Turbine Control Valve testing. The unit returned to full power at 1645 hours. Total duration of the power reduction was 15 hours and 45 minutes.

**C. UNIQUE REPORTING REQUIREMENTS FOR UNIT ONE**

- Challenges other than routine surveillance testing to Safety/Relief Valve Operations–None
- Major Changes to Radioactive Waste Treatment System–None

## II. Monthly Report for LaSalle County Station Unit Two-October 2001

### A. OPERATING DATA SUMMARY FOR UNIT TWO

**DOCKET NO.:** 50-374  
**UNIT:** LaSalle Two  
**DATE:** October 1, 2001  
**COMPLETED BY:** A. Duncan  
**TELEPHONE:** (815) 415-2813

1. Reporting Period: September 2001 Gross Hours: 720
2. Currently Authorized Power Level: 3489 (MWt)  
Design Electrical Rating: 1154 (MWe-net)  
Max Dependable Capacity: 1114 (MWe-net)
3. Power Level To Which Restricted (If Any): None
4. Reasons For Restriction (If Any): N/A

		<b>THIS MONTH</b>	<b>YEAR-TO-DATE</b>	<b>CUMULATIVE</b>
5.	Reactor Critical Hours	631.3	6388.5	98008.7
6.	Reactor Reserve Shutdown Hours	0.0	0.0	1716.9
7.	Hours Generator On-Line	581.6	6307.6	96741.6
8.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9.	Gross Thermal Energy (MWHt)	1950082.6	21621745.6	299802262.0
10.	Gross Electric Energy (MWH <sub>e</sub> )	659093.0	7367028.0	100743488.0
11.	Net Electrical Energy (MWH <sub>e</sub> )	637756.0	7147049.0	96793471.0
12.	Reactor Service Factor (%)	87.7	97.5	66.0
13.	Reactor Availability Factor (%)	87.7	97.5	67.1
14.	Unit Service Factor (%)	80.8	96.3	65.1
15.	Unit Availability Factor	80.8	96.3	65.1
16.	Unit Capacity Factor (MDC)	79.5	97.9	61.4
17.	Unit Capacity Factor (design MWe)	76.8	94.5	59.0
18.	Unit Forced Outage Factor (%)	19.2	3.7	16.6

19. Shutdowns Scheduled Over Next 6 Months: None
20. If Shutdown at End of Report Period, Date of Startup: N/A

B. UNIT SHUTDOWNS AND OPERATING SUMMARY

REPORT MONTH SEPTEMBER 2001

NO	DATE	TYPE (1)	DURATION (HOURS)*	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
3	9/3/01	F	61.0	A	2	LER 01-003
4	9/7/01	F	78.4	G	2	LER 01-004

\* Year-to-date forced outage hours = 243.4  
 Cumulative forced outage hours = 19231.4

TABLE KEY:

(1)

F: Forced  
 S: Scheduled

(2)

Reason:  
 A Equipment Failure (Explain)  
 B Maintenance or Test  
 C Refueling  
 D Regulatory Restriction  
 E Operator / Licensing Exam  
 F Administrative  
 G Operational Error (Explain)  
 H Other (Explain)

(3)

Method:  
 1. Manual  
 2. Manual Scram  
 3. Automatic Scram  
 4. Continuation  
 5. Other (Explain)

**SUMMARY:**

LaSalle Unit 2 operated at full power during September 2001, with the exception of the following:

- September 3, 2001 (1728) – The unit was manually scrammed due to the loss of feedwater control caused by a failed fuse in a bus undervoltage relay circuit. The unit was taken critical at 1810 hours on September 5, 2001. On September 7, 2001 at 0023 hours the unit was manually scrammed from 75 percent power due to feedwater heater isolation because the heater lineup could not pass adequate condensate flow to maintain heater level control. The unit was taken critical at 0018 hours on September 8, 2001. The unit was manually shutdown at 0508 hours on September 9, 2001 due to a failed fuse in the Main Turbine EHC system. The unit was taken critical at 2114 hours on September 9, 2001. The unit returned to full power at 1810 hours on September 11, 2001. Total duration of the shutdown from the initial scram to full power was 192 hours and 42 minutes.

C. UNIQUE REPORTING REQUIREMENTS FOR UNIT TWO

- Challenges other than routine surveillance testing to Safety/Relief Valve Operations—Six of the thirteen SRVs were manually lifted during the September 3, 2001 scram recovery. Total SRV leakage has remained constant.
- Major Changes to Radioactive Waste Treatment Systems—None



An Exelon/British Energy Company

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**Clinton Power Station**

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Phone: 217 935-8881

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October 15, 2001

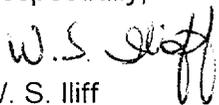
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Clinton Power Station  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Subject: September 2001 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 2001.

Respectfully,

  
W. S. Iliff  
Regulatory Assurance Manager  
Clinton Power Station

MJS/blf

Attachments

cc: Regional Administrator - NRC Region III  
NRC Senior Resident Inspector – Clinton Power Station  
Office of Nuclear Facility Safety - Illinois Department of Nuclear Safety

# ATTACHMENT 1

## CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month September 2001

None

## ATTACHMENT 2

### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>09/30/01</u>
COMPLETED BY	<u>M. J. Sloan</u>
TELEPHONE	<u>(217)937-3280</u>

MONTH September 2001

1	<u>922</u>	17	<u>923</u>
2	<u>918</u>	18	<u>922</u>
3	<u>919</u>	19	<u>922</u>
4	<u>917</u>	20	<u>922</u>
5	<u>918</u>	21	<u>922</u>
6	<u>916</u>	22	<u>922</u>
7	<u>916</u>	23	<u>873</u>
8	<u>916</u>	24	<u>922</u>
9	<u>919</u>	25	<u>923</u>
10	<u>918</u>	26	<u>923</u>
11	<u>919</u>	27	<u>924</u>
12	<u>916</u>	28	<u>925</u>
13	<u>919</u>	29	<u>928</u>
14	<u>921</u>	30	<u>926</u>
15	<u>924</u>		
16	<u>925</u>		

# ATTACHMENT 3

## OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 09/30/01  
COMPLETED BY M. J. Sloan  
TELEPHONE (217)937-3280

### OPERATING STATUS

1. REPORTING PERIOD: September 2001 GROSS HOURS IN REPORT PERIOD:  
720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2894  
MAX. DEPEND. CAPACITY (MDC) (MWe-Net): 930  
DESIGN ELECTRICAL RATING (MWe-NET): 933
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>720</u>	<u>6446.6</u>	<u>78,630.0</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>6399.8</u>	<u>76,616.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>4.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,149,649</u>	<u>18,460,478</u>	<u>209,359,425.6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>691,697.5</u>	<u>6,136,940.5</u>	<u>69,369,885</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>661,884</u>	<u>5,881,388</u>	<u>66,171,580</u>
12. REACTOR SERVICE FACTOR	<u>100%</u>	<u>98.4%</u>	<u>64.8%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100%</u>	<u>98.4%</u>	<u>64.8%</u>
14. UNIT SERVICE FACTOR	<u>100%</u>	<u>97.7%</u>	<u>63.1%</u>
15. UNIT AVAILABILITY FACTOR	<u>100%</u>	<u>97.7%</u>	<u>63.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>98.8%</u>	<u>96.5%</u>	<u>58.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>98.5%</u>	<u>96.2%</u>	<u>58.4%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>1.4%</u>	<u>7.4%</u>

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):

TYPE	DATE	DURATION
REFUELING OUTAGE No. 8 (C1R08)	APRIL 2, 2002	34 DAYS

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:  
  
N/A

## ATTACHMENT 4

### UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 09/30/01  
COMPLETED BY M. J. Sloan

REPORT MONTH September 2001

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: S:	FORCED SCHEDULED				

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NONE

- (1) Reason  
A - Equipment Failure (explain), B - Maintenance or Test, C - Refueling, D - Regulatory Restriction  
E - Operator training & License Examination, F - Administrative, G - Operational Error (explain)
- (2) Method  
1 - Manual, 2 - Manual Scram, 3 - Automatic Scram, 4 - Other (explain)