

Exelon Generation  
Quad Cities Generating Station  
22710 206th Avenue North  
Cordova, IL 61242-9740  
Tel 309-654-2241

www.exeloncorp.com

December 14, 2001

SVP-01-115

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

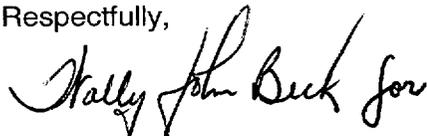
Quad Cities Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254 and 50-265

Subject: Monthly Operating Report

In accordance with Generic Letter 97-02 and Technical Specification 5.6.4, "Monthly Operating Reports," we are submitting the Monthly Operating Report for Quad Cities Nuclear Power Station, Units 1 and 2. This report covers the period of November 1, 2001 to November 30, 2001.

Should you have any questions concerning this letter, please contact Mr. W. J. Beck at (309) 227-2800.

Respectfully,



Timothy J. Tulon  
Site Vice President  
Quad Cities Nuclear Power Station

Attachment

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station

IE24

ATTACHMENT

QUAD CITIES NUCLEAR POWER STATION UNITS 1 AND 2  
MONTHLY OPERATING REPORT

EXELON NUCLEAR  
AND  
MIDAMERICAN ENERGY COMPANY

FACILITY OPERATING LICENSE NOS. DPR-29 AND DPR-30  
NRC DOCKET NOS. 50-254 AND 50-265

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## I. INTRODUCTION

Quad Cities Nuclear Power Station is composed of two Boiling Water Reactors and Steam Turbine/Generators, each with a Maximum Dependable Capacity of 769 MWe Net, located in Cordova, Illinois. The Station is jointly owned by Exelon Nuclear and MidAmerican Energy Company. The Nuclear Steam Supply Systems are General Electric Company Boiling Water Reactors. The Architect/ Engineer was Sargent & Lundy, Incorporated, and the primary construction contractor was United Engineers & Constructors. The Mississippi River is the condenser cooling water source. The plant is subject to license numbers DPR-29 and DPR-30, issued October 1, 1971, and March 21, 1972, respectively; pursuant to Docket Numbers 50-254 and 50-265. The date of initial Reactor criticalities for Units One and Two, respectively were October 18, 1971, and April 26, 1972. Commercial generation of power began on February 18, 1973 for Unit One and March 10, 1973 for Unit Two.

This report was compiled by Ron Baumer and Debbie Cline, telephone numbers 309-227-2811 and 2801, respectively.

## II. SUMMARY OF OPERATING EXPERIENCE

### A. Unit One

Unit One operated the month of November at full power with the exception of a minor downpower for turbine testing.

### B. Unit Two

Unit Two operated the month of November at full power with the exception of two minor downpowers for turbine testing.

### III. OPERATING DATA STATISTICS

#### A. Unit One Operating Data Report for November 2001

DOCKET NO.:50-254

DATE: December 14, 2001

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 227-2811

#### OPERATING STATUS

0000 110101

1. REPORTING PERIOD: 2400 113001 GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
 DESIGN ELECTRICAL RATING (MWe-NET): 789

#### Quad Cities Unit One Operating Statistics for November 2001

	UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	720.00	7959.30	201288.80
4.	REACTOR RESERVE SHUTDOWN HOURS	0.00	56.70	3478.60
5.	HOURS GENERATOR ON-LINE	720.00	7947.00	195994.60
6.	UNIT RESERVE SHUTDOWN HOURS	0.00	69.00	978.20
7.	GROSS THERMAL ENERGY GENERATED (MWH)	1807098.72	19851193.68	436073812.20
8.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	588634.00	6446005.00	141111576.00
9.	NET ELECTRICAL ENERGY GENERATED (MWH)	562923.00	6158520.00	127962036.00
10.	REACTOR SERVICE FACTOR	100.00	99.29	77.48
11.	REACTOR AVAILABILITY FACTOR	100.00	99.29	78.82
12.	UNIT SERVICE FACTOR	100.00	99.14	75.44
13.	UNIT AVAILABILITY FACTOR	100.00	99.14	75.82
14.	UNIT CAPACITY FACTOR (Using MDC)	101.67	99.91	64.05
15.	UNIT CAPACITY FACTOR (Using Design MWe)	99.09	97.37	62.43

### III. OPERATING DATA STATISTICS

#### B. Unit Two Operating Data Report for November 2001

DOCKET NO.:50-265

DATE: December 14, 2001

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 227-2811

#### OPERATING STATUS

0000 110101

1. REPORTING PERIOD: 2400 113001 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
DESIGN ELECTRICAL RATING (MWe-NET): 789

#### Quad Cities Unit Two Operating Statistics for November 2001

UNIT TWO	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	720.00	7361.70	195167.80
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	654.30	3640.10
5. HOURS GENERATOR ON-LINE	720.00	7314.00	189075.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	702.00	1404.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1807024.32	18241520.40	420233337.66
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	588261.00	5919865.00	135007981.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	567109.00	5688104.00	128272455.00
10. REACTOR SERVICE FACTOR	100.00	92.01	77.22
11. REACTOR AVAILABILITY FACTOR	100.00	92.01	78.67
12. UNIT SERVICE FACTOR	100.00	91.43	75.34
13. UNIT AVAILABILITY FACTOR	100.00	91.43	75.90
14. UNIT CAPACITY FACTOR (Using MDC)	102.43	92.47	66.47
15. UNIT CAPACITY FACTOR (Using Design MWe)	99.83	90.13	64.78

#### IV. UNIT SHUTDOWNS

##### A. Unit One Shutdowns for November 2001

**DOCKET NO.:** 50-254  
**DATE:** December 14, 2001  
**COMPLETED BY:** Ron Baumer  
**TELEPHONE:** (309) 227-2811

No.	DATE	TYPE F OR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS
						None for the month of November

**Legend:**

(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)
- H – Other (Explain)

(2) Method

- 1 – Manual
- 2 – Manual Trip/Scram
- 3 – Automatic Trip/Scram
- 4 – Continuation
- 5 – Other (Explain)

#### IV. UNIT SHUTDOWNS

##### B. Unit Two Shutdowns for November 2001

DOCKET NO.: **50-265**  
DATE: December 14, 2001  
COMPLETED BY: Ron Baumer  
TELEPHONE: (309) 227-2811

No.	DATE	TYPE F OR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS
						None for the month of November

Legend:

(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)
- H - Other (Explain)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

V. AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

There were no amendments to the Facility License or Technical Specifications for the month of November.

VI. UNIQUE REPORTING REQUIREMENTS

There were no relief valve actuations for the month of November.