

December 15, 2000

SVP-00-189

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 6.9.5, "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, 2000 to November 30, 2000.

Should you have any questions concerning this letter, please contact Mr. C.C. Peterson at (309) 654-2241, extension 3609.

Respectfully,



Joel P. Dimmette, Jr.  
Site Vice President  
Quad Cities Nuclear Power Station

Attachment:

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

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ATTACHMENT

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

COMMONWEALTH EDISON COMPANY

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 Commonwealth Edison Company 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 number 309-654-2241, extensions 3102 and 3080, respectively.

## II. SUMMARY OF OPERATING EXPERIENCE

### A. Unit One

Unit One started the month of November shutdown for Q1R16. The unit was restarted on November 2, 2000, and reached full power operation on November 6, 2000. The unit experienced several down power operations to perform repairs on the voltage regulator circuit for the 1B Recirc MG set, from November 11, 2000, to November 22, 2000. The unit operated at full power for the remainder of the month.

### B. Unit Two

Unit Two began the month of November at 95% power due to oscillations of the #3 Turbine Control Valve (TCV). On November 12, 2000, the unit power was reduced to 225 mw to perform repairs on the #3 TCV. The unit operated the remainder of the month at full power.

### III. OPERATING DATA STATISTICS

#### A. Unit One Operating Data Report for November 2000

DOCKET NO.: 50-254  
 DATE: December 15, 2000  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

- 0000 110100
1. REPORTING PERIOD: 2400 113000 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 Operating Statistics for November 2000

UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	694.10	7582.10	192624.40
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	3421.90
5. HOURS GENERATOR ON-LINE	656.00	7544.00	187349.60
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	909.20
7. GROSS THERMAL ENERGY GENERATED (MWH)	1398651.12	18318425.52	414502143.96
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	450741.00	5898753.00	134102265.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	429113.00	5629562.00	121265004.00
10. REACTOR SERVICE FACTOR	96.40	94.30	78.73
11. REACTOR AVAILABILITY FACTOR	96.40	94.30	78.09
12. UNIT SERVICE FACTOR	91.11	93.83	74.63
13. UNIT AVAILABILITY FACTOR	91.11	93.83	74.99
14. UNIT CAPACITY FACTOR (Using MDC)	77.50	91.05	62.82
15. UNIT CAPACITY FACTOR (Using Design MWe)	75.54	88.74	61.22
16. UNIT FORCED OUTAGE RATE	0.00	0.00	6.55

### III. OPERATING DATA STATISTICS

#### B. Unit Two Operating Data Report for November 2000

DOCKET NO.: 50-265  
 DATE: December 15, 2000  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

0000 110100

1. REPORTING PERIOD: 2400 113000 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
 DESIGN ELECTRICAL RATING (MWe-NET): 789

UNIT TWO	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	720.00	7466.20	185694.60
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	2985.80
5. HOURS GENERATOR ON-LINE	720.00	7413.10	181017.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	702.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1747291.68	18081080.40	400177788.30
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	571630.00	5886311.00	128493826.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	549052.00	5649094.00	122012826.00
10. REACTOR SERVICE FACTOR	100.00	92.86	74.43
11. REACTOR AVAILABILITY FACTOR	100.00	92.86	75.63
12. UNIT SERVICE FACTOR	100.00	92.20	72.56
13. UNIT AVAILABILITY FACTOR	100.00	92.20	72.84
14. UNIT CAPACITY FACTOR (Using MDC)	99.16	91.37	63.60
15. UNIT CAPACITY FACTOR (Using Design MWe)	96.65	89.05	61.99
16. UNIT FORCED OUTAGE RATE	0.00	1.25	10.14

#### IV. UNIT SHUTDOWNS

##### A. Unit One Shutdowns for November 2000

DOCKET NO.: 50-254  
DATE: December 15, 2000  
COMPLETED BY: Ron Baumer  
TELEPHONE: (309) 654-2241

No.	DATE	TYPE F OR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS
2000-01	10/14/00	S	25.90	C4	1	Continuation of Refuel Outage Q1R16

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 2000

DOCKET NO.: 50-265  
 DATE: December 15, 2000  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

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 Technical Specification or amendments to the Facility License for the month of November.

## VI. UNIQUE REPORTING REQUIREMENTS

The following items are included in this report based on the requirements set forth in Technical Specification 6.9.A.5.

### A. Main Steam Relief Valve Operations

The following relief valves were actuated during the month of November:

1-0203-3A  
1-0203-3B  
1-0203-3C  
1-0203-3D  
1-0203-3E

Date: November 2, 2000

Reason: QCOS 0203-03 for post Q1R16 testing.