

Commonwealth Edison Company  
Quad Cities Generating Station  
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September 13, 2000

SVP-00-148

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 August 1, 2000 to August 31, 2000.

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

Respectfully,

A handwritten signature in cursive script that reads "Joel P. Dimmette, Jr.".

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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bcc: Project Manager – NRR  
Office of Nuclear Facility Safety, - IDNS  
Senior Reactor Analyst – IDNS  
Manager of Energy Practice – Winston and Strawn  
Director, Licensing and Compliance – ComEd  
Vice President, Regulatory Services– ComEd  
ComEd Document Control Desk Licensing (Hard Copy)  
ComEd Document Control Desk Licensing (Electronic Copy)  
W. Leech – MidAmerican Energy Company  
D. Tubbs – MidAmerican Energy Company  
Regulatory Assurance Manager – Dresden Nuclear Power Station  
Regulatory Assurance Manager – LaSalle Nuclear Power Station  
Regulatory Assurance Manager – Quad Cities Nuclear Power Station  
NRC Coordinator – Quad Cities Nuclear Power Station  
NSRB Site Coordinator – Quad Cities Nuclear Power Station  
B. Ganser – IDNS  
Site Vice President – Quad Cities Nuclear Power Station  
Station Manager – Quad Cities Nuclear Power Station  
SVP Letter File

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 March 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

Quad Cities Unit One began the month of August operating at full power. Unit One operated throughout the month at full power with minor down power operations for normal maintenance, CRD special maneuvers and surveillance testing. On August 25, 2000, the unit commenced a coastdown for the upcoming Q1R16 fall outage.

### B. Unit Two

Quad Cities Unit Two began the month of August operating at full power. Unit Two operated throughout the month at full power with minor down power operations for normal maintenance and surveillance testing.

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-254  
 DATE: September 13, 2000  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

0000 080100

1. REPORTING PERIOD: 2400 083100 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
 DESIGN ELECTRICAL RATING (MWe-NET): 789

#### Quad Cities Unit Operating Statistics for August 2000

UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	744.00	5855.00	190897.30
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	3421.90
5. HOURS GENERATOR ON-LINE	744.00	5855.00	185660.60
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	909.20
7. GROSS THERMAL ENERGY GENERATED (MWH)	1850211.84	14639503.44	410823221.88
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	588321.00	4722560.00	132926072.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	561131.00	4514708.00	120150150.00
10. REACTOR SERVICE FACTOR	100.00	100.00	76.71
11. REACTOR AVAILABILITY FACTOR	100.00	100.00	78.09
12. UNIT SERVICE FACTOR	100.00	100.00	74.61
13. UNIT AVAILABILITY FACTOR	100.00	100.00	74.97
14. UNIT CAPACITY FACTOR (Using MDC)	98.08	100.27	62.78
15. UNIT CAPACITY FACTOR (Using Design MWe)	95.59	97.73	61.19
16. UNIT FORCED OUTAGE RATE	0.00	0.00	6.61

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265  
 DATE: September 13, 2000  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

0000 080100

1. REPORTING PERIOD: 2400 083100 GROSS HOURS IN REPORTING PERIOD: 744
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	744.00	5281.20	183509.60
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	2985.80
5. HOURS GENERATOR ON-LINE	744.00	5228.10	178832.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	702.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1865604.24	12761650.56	394858358.46
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	602975.00	4152194.00	126759709.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	578373.00	3983577.00	120347309.00
10. REACTOR SERVICE FACTOR	100.00	90.20	74.21
11. REACTOR AVAILABILITY FACTOR	100.00	90.20	75.42
12. UNIT SERVICE FACTOR	100.00	89.29	72.32
13. UNIT AVAILABILITY FACTOR	100.00	89.29	72.60
14. UNIT CAPACITY FACTOR (Using MDC)	101.09	88.47	63.29
15. UNIT CAPACITY FACTOR (Using Design MWe)	98.53	86.23	61.68
16. UNIT FORCED OUTAGE RATE	0.00	1.77	10.25

#### IV. UNIT SHUTDOWNS

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

DOCKET NO.: 50-254  
DATE: September 13, 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 August.

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 August 2000

DOCKET NO.: 50-265  
DATE: September 13, 2000  
COMPLETED BY: Ron Baumer  
TELEPHONE: (309) 654-2241

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

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 reporting period.

## 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

There were no Relief Valve Operations during the reporting period.