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January 12, 2001

SVP-01-002

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

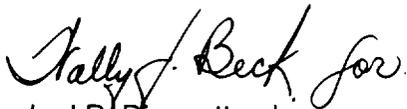
Quad Cities Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254 and 50-265

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 December 1, 2000 to December 31, 2000.

Should you have any questions concerning this letter, please contact Mr. W.J. Beck 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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bcc: Project Manager-NRR  
Office of Nuclear Facility Safety - IDNS  
Senior Reactor Analyst - IDNS  
Manager of Energy Practice - Winston and Strawn  
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Vice President, Regulatory Services - ComEd  
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W. Leech - MidAmerican Energy Company  
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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

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

## II. SUMMARY OF OPERATING EXPERIENCE

### A. Unit One

Unit One began the month of December at full power. On December 6, 2000, the unit experienced a reactor scram on a low water level due to problems with the feedwater controller. The unit was critical on December 8, 2000, and resumed full power operations on December 9, 2000. The unit operated the remainder of the month at full power with the exception of a downpower to 600 MWe for an adjustment of the control rod pattern on December 12, 2000, and a reduction to 700 MWe for CRD special maneuver on December 31, 2000.

### B. Unit Two

Unit Two began the month of December at full power with minor downpowers for Turbine Control Valve oscillations. On December 23, 2000, power was decreased to 150 MWe to perform repairs on the #3 Turbine Control Valve. The unit operated the remainder of the month at full power with exceptions for monthly CV Testing and CRD special maneuver.

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-254  
 DATE: January 12, 2001  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

0000 120100

1. REPORTING PERIOD: 2400 123100 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
 DESIGN ELECTRICAL RATING (MWe-NET): 789

UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	705.10	8287.20	193329.50
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	3421.90
5. HOURS GENERATOR ON-LINE	698.00	8242.00	188047.60
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	909.20
7. GROSS THERMAL ENERGY GENERATED (MWH)	1720474.56	20360723.52	4162544441.96
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	563306.00	6462059.00	134665571.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	538512.00	6168074.00	121803516.00
10. REACTOR SERVICE FACTOR	94.77	94.34	76.78
11. REACTOR AVAILABILITY FACTOR	94.77	94.34	78.14
12. UNIT SERVICE FACTOR	93.82	93.83	74.69
13. UNIT AVAILABILITY FACTOR	93.82	93.83	75.05
14. UNIT CAPACITY FACTOR (Using MDC)	94.12	91.31	62.91
15. UNIT CAPACITY FACTOR (Using Design MWe)	91.74	89.00	61.31
16. UNIT FORCED OUTAGE RATE	6.18	0.01	6.55

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265  
 DATE: January 12, 2001  
 COMPLETED BY: Ron Baumer  
 TELEPHONE: (309) 654-2241

#### OPERATING STATUS

0000 120100

1. REPORTING PERIOD: 2400 123100 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	8234.20	186462.60
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	2985.80
5. HOURS GENERATOR ON-LINE	744.00	8157.10	181761.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	702.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1814028.96	19895109.36	401991817.26
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	594290.00	6480601.00	129088116.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	571525.00	6220619.00	122584351.00
10. REACTOR SERVICE FACTOR	100.00	93.47	74.51
11. REACTOR AVAILABILITY FACTOR	100.00	93.47	75.70
12. UNIT SERVICE FACTOR	100.00	92.86	72.64
13. UNIT AVAILABILITY FACTOR	100.00	92.86	72.92
14. UNIT CAPACITY FACTOR (Using MDC)	95.97	91.76	63.70
15. UNIT CAPACITY FACTOR (Using Design MWe)	93.53	89.43	62.08
16. UNIT FORCED OUTAGE RATE	0.00	1.14	10.11

#### IV. UNIT SHUTDOWNS

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

DOCKET NO.: 50-254  
DATE: January 12, 2001  
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
2000-02	12/02/00	F	38.90	A	3	Reactor Scram due to low level caused by Feedwater Controller failure

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 December 2000

DOCKET NO.: 50-265  
DATE: January 12, 2001  
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 December

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 December.

VI. UNIQUE REPORTING REQUIREMENTS

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