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Quad Cities Generating Station
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August 11, 2000

SVP-00-133

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 July 1, 2000 to July 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 black ink, appearing to read "Joel P. Dimmette, Jr.", is written over the typed name.

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

IE24

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 Debra Kelley, telephone number 309-654-2241, extensions 3102 and 2240, respectively.

II. SUMMARY OF OPERATING EXPERIENCE

A. Unit One

Quad Cities Unit One began the month of July 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.

B. Unit Two

Quad Cities Unit Two began the month of July operating at full power. Unit Two operated throughout the month at full power with the exception of a Reactor Scram due to a transmission line insulator fault at 0548 on July 18. The Unit was down for 27 hours. On July 19 at 0850, Unit Two went critical and the main generator was synchronized to the grid at 1542. The unit operated for the remainder of 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 July 2000

DOCKET NO.:50-254

DATE: August 10, 2000

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 654-2241

OPERATING STATUS

0000 070100

1. REPORTING PERIOD: 2400 073100 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 | 744.00 | 5111.00 | 190153.30 |
| 4. REACTOR RESERVE SHUTDOWN HOURS | 0.00 | 0.00 | 3421.90 |
| 5. HOURS GENERATOR ON-LINE | 744.00 | 5111.00 | 184916.60 |
| 6. UNIT RESERVE SHUTDOWN HOURS | 0.00 | 0.00 | 909.20 |
| 7. GROSS THERMAL ENERGY GENERATED (MWH) | 1860767.28 | 12789291.60 | 408973010.04 |
| 8. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 593005.00 | 4134239.00 | 132337751.00 |
| 9. NET ELECTRICAL ENERGY GENERATED (MWH) | 565607.00 | 3953577.00 | 119589019.00 |
| 10. REACTOR SERVICE FACTOR | 100.00 | 100.00 | 76.64 |
| 11. REACTOR AVAILABILITY FACTOR | 100.00 | 100.00 | 78.02 |
| 12. UNIT SERVICE FACTOR | 100.00 | 100.00 | 74.53 |
| 13. UNIT AVAILABILITY FACTOR | 100.00 | 100.00 | 74.90 |
| 14. UNIT CAPACITY FACTOR (Using MDC) | 98.86 | 100.59 | 62.68 |
| 15. UNIT CAPACITY FACTOR (Using Design MWe) | 96.35 | 98.04 | 61.09 |
| 16. UNIT FORCED OUTAGE RATE | 0.00 | 0.00 | 6.63 |

III. OPERATING DATA STATISTICS

B. Unit Two Operating Data Report for July 2000

DOCKET NO.:50-265

DATE: August 10, 2000

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 654-2241

OPERATING STATUS

0000 070100

1. REPORTING PERIOD: 2400 073100 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 | 717.00 | 4537.20 | 182765.60 |
| 4. REACTOR RESERVE SHUTDOWN HOURS | 0.00 | 0.00 | 2985.80 |
| 5. HOURS GENERATOR ON-LINE | 711.00 | 4484.10 | 178088.15 |
| 6. UNIT RESERVE SHUTDOWN HOURS | 0.00 | 0.00 | 702.90 |
| 7. GROSS THERMAL ENERGY GENERATED (MWH) | 1744247.28 | 10896046.32 | 392992754.22 |
| 8. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 563225.00 | 3549219.00 | 126156734.00 |
| 9. NET ELECTRICAL ENERGY GENERATED (MWH) | 540126.00 | 3405204.00 | 119768936.00 |
| 10. REACTOR SERVICE FACTOR | 96.37 | 88.77 | 74.13 |
| 11. REACTOR AVAILABILITY FACTOR | 96.37 | 88.77 | 75.34 |
| 12. UNIT SERVICE FACTOR | 96.37 | 88.73 | 72.24 |
| 13. UNIT AVAILABILITY FACTOR | 96.37 | 88.73 | 72.52 |
| 14. UNIT CAPACITY FACTOR (Using MDC) | 94.41 | 86.64 | 63.17 |
| 15. UNIT CAPACITY FACTOR (Using Design MWe) | 92.01 | 84.44 | 61.57 |
| 16. UNIT FORCED OUTAGE RATE | 3.63 | 2.06 | 10.29 |

IV. UNIT SHUTDOWNS

A. Unit One Shutdowns for July 2000

DOCKET NO.: 50-254
DATE: August 10, 2000
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 654-2241

| No. | DATE | TYPE FOR S | DURATION (HOURS) | REASON | METHOD OF SHUTTING DOWN REACTOR | CORRECTIVE ACTIONS/COMMENTS |
|-----|------|---------------|---------------------|--------|---|--------------------------------|
| | | | | | | None for the month of July. |

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 July 2000

DOCKET NO.:50-265

DATE: August 10, 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 |
|---------|--------|-----------------|---------------------|--------|---|---|
| 2000-04 | 071800 | F | 27 | A | 3 | Loss of insulator on 345 kV transmission line. |

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.