Commonwealth Edison Company
Quad Cities Generating Station
22710 206th Avenue North
Cordova, IL 61242-9740
Tel 309-654-2241

ComEd

December 13, 1999

SVP-99-238

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

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, 1999 to November 30, 1999.

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

Respectfully,

George P. Barnes for

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

PDR ADOCK 05000254

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

TABLE OF CONTENTS

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 Lynne Hamilton and Debra Kelley, telephone number 309-654-2241, extensions 3114 and 2240, respectively.

II. SUMMARY OF OPERATING EXPERIENCE

A. Unit One

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

B. Unit Two

Quad Cities Unit Two began the month of November operating at full power. On November 14, 1999 power was reduced due to testing for identification of a leaking fuel assembly. On November 15, 1999 at 12:50 p.m., Unit Two achieved full power. On November 28, 1999 full power capability was lost due to fuel preconditioning limitations on the leaking fuel pin. Control rod pattern adjustments were made to restore full power capability. On November 29, 1999 at 5:45 a.m., full power was achieved, and Unit Two operated throughout the remainder of the month at full power.

III. OPERATING DATA STATISTICS

A. Unit One Operating Data Report for November 1999

DOCKET NO.: 50-254
DATE: December 13, 1999
COMPLETED BY: Lynne Hamilton
TELEPHONE: (309) 654-2241

OPERATING STATUS

0000 110199
1. REPORTING PERIOD: 2400 113099 GROSS HOURS IN REPORTING PERIOD: 720

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3. NUMBER OF HOURS REACTOR WAS CRITICAL	720.00	7501.60	184298.30
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	3421.90
5. HOURS GENERATOR ON LINE	720.00	7466.20	179061.60
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	909.20
7. GROSS THERMAL ENERGY GENERATED (MWH)	1804173.60	18575738.64	394324233.24
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	586626.00	6042323.00	127599666.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	560455.00	5760908.00	115058761.00
10. REACTOR SERVICE FACTOR	100.00	93.58	76.08
11. REACTOR AVAILABILITY FACTOR	100.00	93.58	77.49
12. UNIT SERVICE FACTOR	100.00	93.14	73.91
13. UNIT AVAILABILITY FACTOR	100.00	93.14	74.29
14. UNIT CAPACITY FACTOR (Using MDC)	101.22	93.46	61.76
15. UNIT CAPACITY FACTOR (Using Design Mwe)	98.66	91.09	60.20
16. UNIT FORCED OUTAGE RATE	0.00	0.00	6.83

III. OPERATING DATA STATISTICS

B. Unit Two Operating Data Report for November 1999

DOCKET NO.: 50-265
DATE: December 13, 1999
COMPLETED BY: Lynne Hamilton
TELEPHONE: (309) 654-2241

OPERATING STATUS

0000 110199

1. REPORTING PERIOD: 2400 113099 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769
   DESIGN ELECTRICAL RATING (MWe-NET): 789

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3. NUMBER OF HOURS REACTOR WAS CRITICAL	720.00	7817.80	177484.40
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	2985.80
5. HOURS GENERATOR ON LINE	720.00	7793.30	172860.05
6. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	702.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1769138.64	19431212.88	380271295.74
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	570988.00	6267963.00	122017093.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	549729.00	6028511.00	115795555.00
10. REACTOR SERVICE FACTOR	100.00	97.53	73.74
11. REACTOR AVAILABILITY FACTOR	100.00	97.53	74.98
12. UNIT SERVICE FACTOR	100.00	97.22	71.82
13. UNIT AVAILABILITY FACTOR	100.00	97.22	72.11
14. UNIT CAPACITY FACTOR (Using MDC)	99.29	97.80	62.56
15. UNIT CAPACITY FACTOR (Using Design Mwe)	96.77	95.32	60.98
16. UNIT FORCED OUTAGE RATE	0.00	0.00	10.53

IV. UNIT SHUTDOWNS

A. Unit One Shutdowns for November 1999

DOCKET NO.: 50-254
DATE: December 13, 1999
COMPLETED BY: Lynne Hamilton
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)

IV. UNIT SHUTDOWNS

B. Unit Two Shutdowns for November 1999

DOCKET NO.: 50-265
DATE: December 13, 1999
COMPLETED BY: Lynne Hamilton
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 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.