Exelon Generation
Quad Cities Generating Station
22710 206th Avenue North
Cordova, IL 61242-9740
Tel 309-654-2241

www.exeloncorp.com

Exelon Nuclear

May 15, 2001

SVP-01-062

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 April 1, 2001 to April 30, 2001.

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

Respectfully,

Timothy J. Tulon
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

EXELON NUCLEAR

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 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 operated the month of April at full power with exceptions of minor downpowers for Reactor Feed pump maintenance and a planned Reactor Recirculation pump run out limit determination test. On April 27, 2001, U1 shutdown for a planned Q1M13 maintenance outage. The unit was restarted on April 30, 2001 and achieved full power on May 1, 2001.

B. Unit Two

Unit Two operated the month of April at full power with the exception of planned scram timing testing, a CRD special maneuver, and turbine testing on April 15 and 29. On April 1st, the unit had a downpower to 760 MWe for unplanned HPCI testing.

III. OPERATING DATA STATISTICS

A. Unit One Operating Data Report for April 2001

DOCKET NO.:50-254
DATE: May 15, 2001
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 654-2241

OPERATING STATUS

1. REPORTING PERIOD: 0000 040101 2400 043001 GROSS HOURS IN REPORTING PERIOD: 719

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	662.30	2822.30	196151.80
4.	REACTOR RESERVE SHUTDOWN HOURS	56.70	56.70	3478.60
5.	HOURS GENERATOR ON-LINE	650.00	2810.00	190857.60
6.	UNIT RESERVE SHUTDOWN HOURS	69.00	69.00	978.20
7.	GROSS THERMAL ENERGY GENERATED (MWH)	1603289.04	7004733.84	423227352.36
8.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	522806.00	2290278.00	136955849.00
9.	NET ELECTRICAL ENERGY GENERATED (MWH)	499292.00	2191163.00	123994679.00
10.	REACTOR SERVICE FACTOR	92.11	98.03	77.02
11.	REACTOR AVAILABILITY FACTOR	92.11	98.03	78.39
12.	UNIT SERVICE FACTOR	90.40	97.60	74.95
13.	UNIT AVAILABILITY FACTOR	90.40	90.40	75.33
14.	UNIT CAPACITY FACTOR (Using MDC)	90.30	98.97	63.32
15.	UNIT CAPACITY FACTOR (Using Design MWe)	88.01	96.46	61.71
16.	UNIT FORCED OUTAGE RATE	0.00	0.00	6.46

III. OPERATING DATA STATISTICS

B. Unit Two Operating Data Report for April 2001

DOCKET NO.:50-265
DATE: May 15, 2001
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 654-2241

OPERATING STATUS

0000 040101

1. REPORTING PERIOD: 2400 043001 GROSS HOURS IN REPORTING PERIOD: 719
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	719.00	2816.50	191376.60
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	62.50	3048.30
5. HOURS GENERATOR ON-LINE	719.00	2806.00	184567.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	73.00	775.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1801054.08	7019668.56	409011485.82
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	589411.00	2297794.00	131385910.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	566176.00	2210052.00	124794403.00
10. REACTOR SERVICE FACTOR	100.00	97.90	75.41
11. REACTOR AVAILABILITY FACTOR	100.00	97.90	76.63
12. UNIT SERVICE FACTOR	100.00	97.55	73.54
13. UNIT AVAILABILITY FACTOR	100.00	97.55	73.85
14. UNIT CAPACITY FACTOR (Using MDC)	102.40	99.92	64.66
15. UNIT CAPACITY FACTOR (Using Design MWe)	99.80	97.39	63.02
16. UNIT FORCED OUTAGE RATE	0.00	0.00	9.97

IV. UNIT SHUTDOWNS

A. Unit One Shutdowns for April 2001

DOCKET NO.: 50-254
DATE: May 15, 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
2001-01	04/27/01	S	69	B	1	Reactor shutdown to perform Q1M13

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 April 2001

DOCKET NO.: 50-265
DATE: April 16, 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 April

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 April.

VI. UNIQUE REPORTING REQUIREMENTS

There was one relief valve operation in April. The 3B Electromatic Relief Valve was lifted on 04/29/01 at approximately 1451 for 10 seconds for performance of QCOS 0203-03 on the 3B ERV on Unit 1 only. This was a Post-Maintenance Test for the 3B ERV during Q1M13.