

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

www.exeloncorp.com

November 15, 2001

SVP-01-108

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

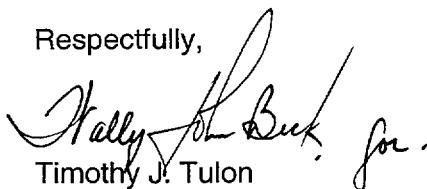
Quad Cities Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254 and 50-265

Subject: Monthly Operating Report

In accordance with Generic Letter 97-02 and Technical Specification 5.6.4, "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 October 1, 2001 to October 31, 2001.

Should you have any questions concerning this letter, please contact Mr. W. J. Beck at (309) 227-2800.

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

IE24

November 15, 2001  
U.S. Nuclear Regulatory Commission  
Page 2

bcc: Project Manager-NRR  
Office of Nuclear Facility Safety - IDNS  
Senior Analyst NRC Region III  
Resident Inspector – IDNS  
Manager of Energy Practice – Winston and Strawn  
Director – Licensing, Mid-West Regional Operating Group  
Manager – Licensing, Dresden and Quad Cities Station  
Mid-West Regional Operating Group Document Control Desk – Licensing (Hard Copy)  
Mid-West Regional Operating Group Document Control Desk – Licensing (Electronic Copy)  
W. Leech – MidAmerican Energy Company  
D. Tubbs – MidAmerican Energy Company  
Regulatory Assurance Manager – Dresden Nuclear Power Station  
NRC Coordinator – Quad Cities Nuclear Power Station  
NSRB Site Coordinator – 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

## TABLE OF CONTENTS

- I. Introduction
- II. Summary of Operating Experience
  - A. Unit One
  - B. Unit Two
- III. Operating Data Statistics
  - A. Operating Data Report for October - Quad Cities Unit One
  - B. Operating Data Report for October - Quad Cities Unit Two
- IV. Unit Shutdowns
  - A. Unit One Shutdowns
  - B. Unit Two Shutdowns
- V. Amendments to Facility License or Technical Specifications
- VI. Unique Reporting Requirements
  - A. Main Steam Relief Valve Operations

## 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 numbers 309-227-3102 and 3080, respectively.

## II. SUMMARY OF OPERATING EXPERIENCE

### A. Unit One

Unit One operated the month of October at full power with the exception of minor downpowers for planned 1B Recirc MG set troubleshooting, turbine valve testing, 1C RFP relief valve work, a CRD special maneuver and scram timing.

### B. Unit Two

Unit Two operated the month of October at full power with the exception of a downpower for planned repairs of the 2A RFP min flow valve.

### III. OPERATING DATA STATISTICS

#### A. Unit One Operating Data Report for October 2001

DOCKET NO.:50-254

DATE: November 15, 2001

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 654-2241

#### **OPERATING STATUS**

0000 100101

1. REPORTING PERIOD: 2400 103101 GROSS HOURS IN REPORTING PERIOD: 745

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

#### **Quad Cities Unit One Operating Statistics for October 2001**

	UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	745.00	7239.30	200568.80
4.	REACTOR RESERVE SHUTDOWN HOURS	0.00	56.70	3478.60
5.	HOURS GENERATOR ON-LINE	745.00	7227.00	195274.60
6.	UNIT RESERVE SHUTDOWN HOURS	0.00	69.00	978.20
7.	GROSS THERMAL ENERGY GENERATED (MWH)	1860292.32	18044094.96	434266713.48
8.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	605979.00	5857371.00	140522942.00
9.	NET ELECTRICAL ENERGY GENERATED (MWH)	578818.00	5595597.00	127399113.00
10.	REACTOR SERVICE FACTOR	100.00	99.22	77.42
11.	REACTOR AVAILABILITY FACTOR	100.00	99.13	78.76
12.	UNIT SERVICE FACTOR	100.00	99.05	75.37
13.	UNIT AVAILABILITY FACTOR	100.00	99.05	75.75
14.	UNIT CAPACITY FACTOR (Using MDC)	101.03	99.73	63.95
15.	UNIT CAPACITY FACTOR (Using Design MWe)	98.47	97.20	62.32

### III. OPERATING DATA STATISTICS

#### B. Unit Two Operating Data Report for October 2001

DOCKET NO.:50-265

DATE: November 15, 2001

COMPLETED BY: Ron Baumer

TELEPHONE: (309) 654-2241

#### **OPERATING STATUS**

0000 100101

1. REPORTING PERIOD: 2400 103101 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769  
DESIGN ELECTRICAL RATING (MWe-NET): 789

#### **Quad Cities Unit Two Operating Statistics for October 2001**

UNIT TWO	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	745.00	6641.70	194447.80
4. REACTOR RESERVE SHUTDOWN HOURS	0.00	654.30	3640.10
5. HOURS GENERATOR ON-LINE	745.00	6594.00	188355.15
6. UNIT RESERVE SHUTDOWN HOURS	0.00	702.00	1404.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1867820.88	16434496.08	418426313.34
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	606522.00	5331604.00	134419720.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	584028.00	5120995.00	127705346.00
10. REACTOR SERVICE FACTOR	100.00	91.21	76.94
11. REACTOR AVAILABILITY FACTOR	100.00	91.21	78.39
12. UNIT SERVICE FACTOR	100.00	90.58	75.05
13. UNIT AVAILABILITY FACTOR	100.00	90.58	75.61
14. UNIT CAPACITY FACTOR (Using MDC)	101.94	91.48	66.17
15. UNIT CAPACITY FACTOR (Using Design MWe)	99.36	89.16	64.49



#### IV. UNIT SHUTDOWNS

##### A. Unit One Shutdowns for October 2001

**DOCKET NO.:** 50-254  
**DATE:** November 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
						None for the month of October

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 October 2001

DOCKET NO.: 50-265  
DATE: November 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
						None for the month of October

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 month of October.

## VI. UNIQUE REPORTING REQUIREMENTS

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