

Exelon Generation Company, LLC
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, IL 61242-9740

www.exeloncorp.com

April 15, 2002

SVP-02-035

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

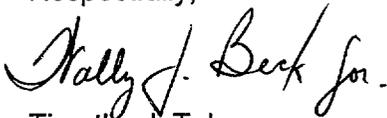
Quad Cities Nuclear Power Station, Units 1 and 2
Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254 and 50-265

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 March 1, 2002 to March 31, 2002.

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

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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
- II. Summary of Operating Experience
 - A. Unit One
 - B. Unit Two
- III. Operating Data Statistics
 - A. Operating Data Report for March - Quad Cities Unit One
 - B. Operating Data Report for March - 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 309-227-2811 and 2801, respectively.

II. SUMMARY OF OPERATING EXPERIENCE

A. Unit One

Unit One operated the month of March at full power with the exception of a downpower on March 15, 2002 to approximately 790 MWe for planned turbine generator testing..

B. Unit Two

Unit Two started the month of March shutdown for refuel outage Q2R16. Unit 2 restarted on March 04, 2002 and achieved full power of 912 MWe on March 14, 2002. The unit operated at full power for the remainder of the month until a planned maintenance outage (Q2M17) shutdown on March 29, 2002. The unit was shutdown for the remainder of the month.

Unit Two restarted with EPU modifications installed. The new Power Level is 2957 (MW th), and Design Electrical Rating of 912 (MWe – Net). The Maximum Dependable Capacity has not been calculated. It will be provided at a later date.

III. OPERATING DATA STATISTICS

A. Unit One Operating Data Report for March 2002

DOCKET NO.: 50-254
DATE: April 15, 2002
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 227-2811

OPERATING STATUS

- 0000 030102
1. REPORTING PERIOD: 2400 033102 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2511 MAX. DEPEND. CAPACITY: 769
DESIGN ELECTRICAL RATING (MWe-NET): 789

Quad Cities Unit One Operating Statistics for March 2002

	UNIT ONE	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	744.00	1556.10	203588.90
4.	REACTOR RESERVE SHUTDOWN HOURS	0.00	603.90	4082.50
5.	HOURS GENERATOR ON-LINE	744.00	1523.00	198261.60
6.	UNIT RESERVE SHUTDOWN HOURS	0.00	637.00	1615.20
7.	GROSS THERMAL ENERGY GENERATED (MWH)	1866889.68	3698514.24	441550195.32
8.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	608090.00	1200499.00	142890024.00
9.	NET ELECTRICAL ENERGY GENERATED (MWH)	581382.00	1145098.00	129659487.00
10.	REACTOR SERVICE FACTOR	100.00	72.04	77.50
11.	REACTOR AVAILABILITY FACTOR	100.00	72.04	79.05
12.	UNIT SERVICE FACTOR	100.00	70.51	75.47
13.	UNIT AVAILABILITY FACTOR	100.00	70.51	76.08
14.	UNIT CAPACITY FACTOR (Using MDC)	101.62	68.94	64.18
15.	UNIT CAPACITY FACTOR (Using Design MWe)	99.04	67.19	62.56

III. OPERATING DATA STATISTICS

B. Unit Two Operating Data Report for March 2002

DOCKET NO.: 50-265
DATE: April 15, 2002
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 227-2811

OPERATING STATUS

0000 030102

1. REPORTING PERIOD: 2400 033102 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2957 MAX. DEPEND. CAPACITY: 769
DESIGN ELECTRICAL RATING (MWe-NET): 912

Quad Cities Unit Two Operating Statistics for March 2002

UNIT TWO	THIS MONTH	YTD	CUMULATIVE
3. NUMBER OF HOURS THE REACTOR WAS CRITICAL	615.20	1624.50	197563.30
4. REACTOR RESERVE SHUTDOWN HOURS	128.80	535.50	4175.60
5. HOURS GENERATOR ON-LINE	585.00	1593.00	191412.15
6. UNIT RESERVE SHUTDOWN HOURS	159.00	567.00	1971.90
7. GROSS THERMAL ENERGY GENERATED (MWH)	1419073.20	3890604.96	425984522.46
8. GROSS ELECTRICAL ENERGY GENERATED (MWH)	445270.00	1251410.00	136867341.00
9. NET ELECTRICAL ENERGY GENERATED (MWH)	426135.00	1197576.00	130055746.00
10. REACTOR SERVICE FACTOR	82.69	75.21	72.04
11. REACTOR AVAILABILITY FACTOR	82.69	74.06	79.83
12. UNIT SERVICE FACTOR	78.63	73.75	70.51
13. UNIT AVAILABILITY FACTOR	78.63	72.64	77.00
14. UNIT CAPACITY FACTOR (Using MDC)	74.48	72.10	68.94
15. UNIT CAPACITY FACTOR (Using Design MWe)	62.80	60.79	58.13

IV. UNIT SHUTDOWNS

A. Unit One Shutdowns for March 2002

DOCKET NO.: 50-254
DATE: April 15, 2002
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 227-2811

No.	DATE	TYPE FOR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS

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 March 2002

DOCKET NO.: 50-265
DATE: April 15, 2002
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 227-2811

No.	DATE	TYPE F OR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS
2002-01	02/11/02	S	104	C	4	Reactor shutdown to perform Refuel Outage Q2R16
2002-02	03/29/02	S	55	B	1	Reactor shutdown to perform Maintenance outage Q2M17

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)
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IV. UNIT SHUTDOWNS

B. Unit Two Shutdowns for March 2002

DOCKET NO.: 50-265
DATE: April 15, 2002
COMPLETED BY: Ron Baumer
TELEPHONE: (309) 227-2811

No.	DATE	TYPE F OR S	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CORRECTIVE ACTIONS/COMMENTS
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(2) Method

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V. AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

There were no Technical Specification changes in March.

VI. UNIQUE REPORTING REQUIREMENTS

There were no relief valve actuations in the month of March for Unit 1. For Unit 2, there were five relief valve actuations for the month of March. Valve 3A was actuated for 5 seconds, and valves 3B, C, D and E were actuated for 10 seconds for Technical Specification operability testing.