

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

www.exeloncorp.com

July 15, 2003

SVP-03-080

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 for June 2003

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting this Monthly Operating Report for Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2.

Additionally, QCNPS has implemented the relaxation designated in NRC Generic Letter 97-02, "Revised Contents of the Monthly Operating Report," which allowed a reduction in information that was being submitted in the Monthly Operating Report. These changes are and will be reflected in this and future reports.

Should you have any questions concerning this letter, please contact Mr. Wally 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

JE24

**ATTACHMENT**

**QUAD CITIES NUCLEAR POWER STATION UNITS 1 AND 2  
MONTHLY OPERATING REPORT  
FOR JUNE 2003**

**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 - Quad Cities Unit One**
  - B. Operating Data Report - Quad Cities Unit Two**
- IV. Unit Shutdowns**
  - A. Unit One Shutdowns**
  - B. Unit Two Shutdowns**
- V. Challenges to Safety and Relief Valves**

## **I. INTRODUCTION**

Quad Cities Nuclear Power Station is composed of two Boiling Water Reactors and Steam Turbine/Generators located in Cordova, Illinois. Unit One has a Maximum Dependable Capacity of 855 MWe Net, and Unit Two has a Maximum Dependable Capacity of 855 MWe Net. 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 dates of initial Reactor criticality for Units One and Two were October 18, 1971, and April 26, 1972, respectively. Commercial generation of power began on February 18, 1973, for Unit One and March 10, 1973, for Unit Two.

## **II. SUMMARY OF OPERATING EXPERIENCE**

### **A. Unit One**

Unit One entered the month of June at approximately 570 MWe due to power ascension after Q1M16 to replace leaking fuel bundles. The Unit attained full power on June 2, 2003 and remained at full power until June 14, 2003 when load was dropped to approximately 150 MWe to repair the 125 VDC ground on the 3B Electromatic Relief Valve. Unit One returned to full power on June 15, 2003 and remained at full power throughout the reporting period.

### **B. Unit Two**

Unit Two began the month at a reduced power level of approximately 785 MWe due to excessive moisture carryover and remained at this level until June 11, 2003 when Unit Two was shutdown to open and inspect the Reactor Steam Dryer. The Unit remained offline until June 29, 2003 when it was synchronized to the grid.

### III. OPERATING DATA STATISTICS

#### A. Quad Cities Unit One Operating Data Report for June 2003

DOCKET NO.: 50-254  
DATE: July 11, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

- REPORTING PERIOD: June 2003  
GROSS HOURS IN REPORTING PERIOD: 720  
CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2957
1. DESIGN ELECTRICAL RATING (MWe-Net): 867
  2. MAX. DEPEND. CAPACITY (MWe-Net): 855

#### UNIT 1 OPERATING STATUS

	PARAMETER	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	720.00	4120.20	213790.40
4.	HOURS GENERATOR ON-LINE	720.00	4071.00	208373.60
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	624931.00	3489358.00	137713267.00

### III. OPERATING DATA STATISTICS

#### B. Quad Cities Unit Two Operating Data Report for June 2003

DOCKET NO.: 50-265  
DATE: July 11, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

- REPORTING PERIOD: June 2003  
GROSS HOURS IN REPORTING PERIOD: 720  
CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2957
1. DESIGN ELECTRICAL RATING (MWe-Net): 867
  2. MAX. DEPEND. CAPACITY (MWe-Net): 855

#### UNIT 2 OPERATING STATUS

	PARAMETER	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	300.60	3803.50	206298.60
4.	HOURS GENERATOR ON-LINE	286.20	3766.00	201437.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	190911.00	3190665.00	138605665.00

#### IV. UNIT SHUTDOWNS

##### A. Unit ONE Shutdowns for June 2003

NO. FOR YEAR	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	CORRECTIVE ACTIONS/COMMENTS
		None				

##### B. Unit TWO Shutdowns for June 2003

NO. FOR YEAR	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	CORRECTIVE ACTIONS/COMMENTS
3	06-11-03	F	433.8	A	1	(Q2F59) Steam Dryer Repairs

##### Legend

(1) TYPE	(2) REASON	(3) METHOD
F – Forced S – Scheduled	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)	1. Manual 2. Manual Trip/Scram 3. Automatic Trip/Scram 4. Continuation 5. Other (Explain)

#### V. CHALLENGES TO SAFETY AND RELIEF VALVES

##### June 2003

Unit 1	None
Unit 2	None