

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

www.exeloncorp.com

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SVP-03-091

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 July 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

IE24

**ATTACHMENT**

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

**EXELON NUCLEAR  
AND  
MIDAMERICAN ENERGY COMPANY**

**FACILITY OPERATING LICENSE NOS. DPR-29 AND DPR-30  
NRC DOCKET NOS. 50-254 AND 50-265**

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## **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 operated at full power throughout the reporting period with the exception of short periods for load drops to reverse circulating water flow on the following days: 07/03, 07/05, 07/07, 07/09, 07/21, 07/23, and 07/30.

### **B. Unit Two**

Unit Two entered the month of July increasing load from Q2F59. On July 1, Unit Two reached 780 MWe pending resolution of reactor steam dryer issues. On July 2, 2003 load was decreased to 650 MWe to perform CRD special maneuvers and was returned to 780 MWe. On July 29 reactor power ascension continued and load was increased to 890 MWe. On July 30, power was decreased to 845 MWe and remained at this level for the remainder of the reporting period. Power was reduced to 845 MWe pending resolution of main steam line pressure switch issues.

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-254  
DATE: August 13, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

- REPORTING PERIOD: July 2003  
GROSS HOURS IN REPORTING PERIOD: 744  
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	744.00	4864.20	214534.40
4.	HOURS GENERATOR ON-LINE	744.00	4815.00	209117.60
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	655498.00	4144856.00	138368765.00

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265  
DATE: August 13, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

- REPORTING PERIOD: July 2003  
GROSS HOURS IN REPORTING PERIOD: 744  
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	744.00	4547.50	207042.60
4.	HOURS GENERATOR ON-LINE	744.00	4510.00	202181.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	565262.00	3755927.00	139170927.00

#### **IV. UNIT SHUTDOWNS**

##### **A. Unit ONE Shutdowns for July 2003**

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

##### **B. Unit TWO Shutdowns for July 2003**

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

##### **Legend**

<b>(1) TYPE</b>	<b>(2) REASON</b>	<b>(3) METHOD</b>
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**

**July 2003**

<b>Unit 1</b>	None
<b>Unit 2</b>	None