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Quad Cities Nuclear Power Station  
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SVP-03-107

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

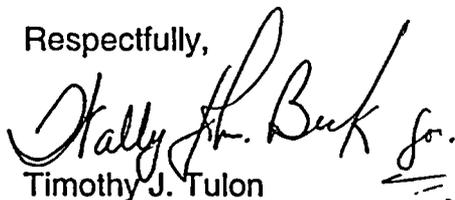
Subject: Monthly Operating Report for September 2003

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 SEPTEMBER 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 entered the month of September at full power and experienced several minor load drops between September 1 and September 13 to support Main Condenser flow reversal. On September 14 and September 21 power was decreased to approximately 800 MWe and approximately 550 MWE respectively for planned CRD Special Maneuvers.

### B. Unit Two

Unit Two remained at full power throughout the reporting period with the exception of three load drops to approximately 870 MWe on September 8, 10, and 12 to lower Main Condenser back pressure for flow reversal.

**III. OPERATING DATA STATISTICS**

**A. Quad Cities Unit One Operating Data Report for September 2003**

DOCKET NO.: 50-254  
DATE: October 14, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

**OPERATING STATUS**

REPORTING PERIOD: September 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	6328.20	215998.40
4.	HOURS GENERATOR ON-LINE	720.00	6279.00	210581.60
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	628948.00	5422560.00	139646469.00

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265  
DATE: October 14, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

- REPORTING PERIOD: September 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	720.00	6011.50	208506.60
4.	HOURS GENERATOR ON-LINE	720.00	5974.00	203645.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	636173.00	5024880.00	140439880.00

#### IV. UNIT SHUTDOWNS

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

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

##### 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

##### September 2003

Unit 1	None
Unit 2	None