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Quad Cities Nuclear Power Station  
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SVP-03-101

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

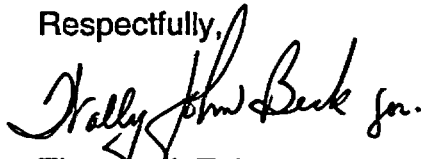
Subject: Monthly Operating Report for August 2003

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 AUGUST 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 operated at full power throughout the month with the exception of load drops for short periods to reverse circulating water flow, and an unplanned load drop on August 27, to approximately 850 MWe to gain margin on demin flows for backwash of 1H demin.

### **B. Unit Two**

Unit Two entered the month of August at approximately 91% power pending resolution of issues associated with the steam dryer failure. On August 17, Unit Two began a planned load drop in preparation for flow reversal. Also, on August 17, power was reduced to 780 MWe due to the discovery of a leak on the 2B Condensate/Condensate Booster Pump. Unit Two operated the remainder of the month at full power with the exception of planned load drops to support Main Condenser flow reversal.

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-254  
DATE: September 12, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

REPORTING PERIOD: August 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	5608.20	215278.40
4.	HOURS GENERATOR ON-LINE	744.00	5559.00	209861.60
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	648756.00	4793612.00	139017521.00

### III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265  
DATE: September 12, 2003  
COMPLETED BY: Debbie Cline  
TELEPHONE: (309) 227-2801

#### OPERATING STATUS

REPORTING PERIOD: August 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	5291.50	207786.60
4.	HOURS GENERATOR ON-LINE	744.00	5254.00	202925.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	632780.00	4388707.00	139803707.00

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

##### **A. Unit ONE Shutdowns for August 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 August 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**

##### **August 2003**

Unit 1	None
Unit 2	None