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

January 15, 2004

SVP-04-009

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 December 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,

John Beck

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

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QUAD CITIES NUCLEAR POWER STATION UNITS 1 AND 2 MONTHLY OPERATING REPORT

FOR DECEMBER 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 December at approximately 780 MWe pending vibration analysis following repair of the steam dryer. The Unit remained at this level until December 20, 2003 when Unit One was taken off-line to repair vibration monitoring equipment in the drywell. Following repair, Unit One synchronized to the grid on December 21, 2003. Unit One remained at approximately 780 MWe until December 30, 2003 when load was increased to 912 MWe for planned testing and then decreased to approximately 780 MWe for the remainder of the period.

B. Unit Two

Unit Two remained at full power throughout the reporting period.

111. **OPERATING DATA STATISTICS**

Quad Cities Unit One Operating Data Report for December 2003 Α.

DOCKET NO.:	50-254
DATE:	January 13, 2004
COMPLETED BY:	Debbie Cline
TELEPHONE:	(309) 227-2801

1.

OPERATING STATUS

REPORTING PERIOD: December 2003 GROSS HOURS IN REPORTING PERIOD: 744 CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2957 DESIGN ELECTRICAL RATING (MWe-Net): 867 MAX. DEPEND. CAPACITY (MWe-Net): 855

2.

UNIT 1 OPERATING STATUS

	PARAMETER	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	713.78	8087.04	217,757.24
4.	HOURS GENERATOR ON-LINE	705.87	8014.39	212,316.99
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	526,759.00	6,810,249.00	141,034,158.00

III. OPERATING DATA STATISTICS

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B. Quad Cities Unit Two Operating Data Report for December 2003

DOCKET NO.:	50-265
DATE:	January 13, 2004
COMPLETED BY:	Debbie Cline
TELEPHONE:	(309) 227-2801

1.

OPERATING STATUS

REPORTING PERIOD: December 2003 GROSS HOURS IN REPORTING PERIOD: 744 CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2957 DESIGN ELECTRICAL RATING (MWe-Net): 867

2. MAX. DEPEND. CAPACITY (MWe-Net): 855

UNIT 2 OPERATING STATUS

	PARMETER	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	744.00	8,220.50	210,715.60
4.	HOURS GENERATOR ON-LINE	744.00	8,183.00	205,854.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	659,581.00	6,975,112.00	142,390,112.00

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A. Unit ONE Shutdowns for December 2003

NO. FOR YEAR	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	CORRECTIVE ACTIONS/COMMENTS
3	12-20-03	F	38.13	А	1	Unit shutdown to repair vibration monitoring equipment in the drywell.

B. Unit TWO Shutdowns for December 2003

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

Legend

(1) TYPE	(2) REASON	(3) METHOD
F – Forced A S – Scheduled C D E F G H	 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) 	 Manual Manual Trip/Scram Automatic Trip/Scram Continuation Other (Explain)

V. CHALLENGES TO SAFETY AND RELIEF VALVES

December 2003

Unit 1	None
Unit 2	None