

Exelon Generation Company, LLC
Quad Cities Nuclear Power Station
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January 12, 2005

SVP-05-002

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 2004

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

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ATTACHMENT

**QUAD CITIES NUCLEAR POWER STATION UNITS 1 AND 2
MONTHLY OPERATING REPORT
FOR DECEMBER 2004**

**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 continued to operate at approximately 780 MWe, due to ongoing Extended Power Uprate (EPU) evaluations, with the following exception. On December 11, 2004, a load drop occurred to approximately 630 MWe for a planned CRD Special Maneuver and Feedwater Regulating Valve maintenance. On December 12, 2004, Unit One was returned to approximately 780 MWe and operated there for the remainder of the reporting period.

B. Unit Two

Unit Two continued to operate at approximately 800 MWe due to ongoing EPU evaluations throughout the reporting period.

III. OPERATING DATA STATISTICS

A. Quad Cities Unit One Operating Data Report for December 2004

DOCKET NO.: 50-254
DATE: January 12, 2005
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: December 2004
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	8,784.00	226,541.24
4.	HOURS GENERATOR ON-LINE	744.00	8,784.00	221,100.99
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1,655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	553,938.00	6,502,772.00	147,536,930.00

III. OPERATING DATA STATISTICS

B. Quad Cities Unit Two Operating Data Report for December 2004

DOCKET NO.: 50-265
DATE: January 12, 2005
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: December 2004
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	7,988.69	218,704.29
4.	HOURS GENERATOR ON-LINE	744.00	7,955.87	213,810.02
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2,312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	573,521.00	6,179,389.00	148,569,501.00

IV. UNIT SHUTDOWNS

A. Unit ONE Shutdowns for December 2004

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

B. Unit TWO Shutdowns for December 2004

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

December 2004

Unit 1	None
Unit 2	None