

Exelon Generation Company, LLC www.exeloncorp.com
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, IL 61242-9740

May 13, 2005

SVP-05-036

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 April 2005

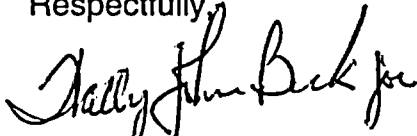
In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting this Monthly Operating Report for Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2.

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.

Due to a recently approved Technical Specification change, approved on April 29, 2005, future Monthly Operating Report submittals will be made utilizing the Consolidated Data Entry (CDE) process.

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 APRIL 2005

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 started the month of April shutdown for refuel outage Q1R18. Unit One restarted on April 19, 2005, but due to high turbine vibrations during start-up, load was reduced and the turbine was tripped (Q1F53). Unit One was brought back on-line at 2:36 p.m. on April 19, 2005, and then taken off-line again at 5:50 p.m. for performance of planned Main Turbine overspeed testing. At 8:18 p.m. on April 19, 2005, the Unit One generator was synchronized to the grid, and returned to 800 MWe on April 22, 2005, and remained on-line for the remainder of the month.

B. Unit Two

Unit Two continued to operate at approximately 800 MWe, due to ongoing Extended Power Uprate (EPU) evaluations, throughout the reporting period.

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III. OPERATING DATA STATISTICS

A. Quad Cities Unit One Operating Data Report for April 2005

DOCKET NO.: 50-254
DATE: May 13, 2005
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: April 2005
GROSS HOURS IN REPORTING PERIOD: 719
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	318.90	2,216.48	228,757.72
4.	HOURS GENERATOR ON-LINE	272.37	2,168.45	223,269.44
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1,655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	187,990.00	1,597,865.00	149,134,795.00

III. OPERATING DATA STATISTICS

B. Quad Cities Unit Two Operating Data Report for April 2005

DOCKET NO.: 50-265
DATE: May 13, 2005
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: April 2005
GROSS HOURS IN REPORTING PERIOD: 719
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	719.00	2,879.00	221,583.29
4.	HOURS GENERATOR ON-LINE	719.00	2,879.00	216,689.02
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2,312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	551,003.00	2,213,079.00	150,782,580.00

IV. UNIT SHUTDOWNS

A. Unit ONE Shutdowns for April 2005

NO. FOR YEAR	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	CORRECTIVE ACTIONS/COMMENTS
1	03-21-05	S	433.77	C	4	Continuation of scheduled refuel outage, Q1R18.
2	04-19-05	F	10.40	A	5	Reactor remained critical, U1 Main Turbine bearing experienced high vibration during S/U and was taken off-line.
3	04-19-05	S	2.47	B	5	Reactor remained critical, the turbine was taken off-line for performance of planned Main Turbine Overspeed Testing

B. Unit TWO Shutdowns for April 2005

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

April 2005

Unit 1	None
Unit 2	None