

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

May 13, 2003

SVP-03-067

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

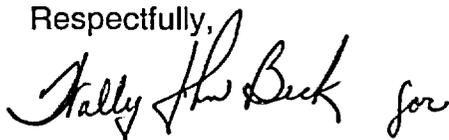
Subject: Monthly Operating Report for April 2003

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 APRIL 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 began the month of April at approximately 912 MWe and operated at full power with the exception of a planned load drop to approximately 820 Mwe on April 6, 2003 to exercise intermediate control rods.

B. Unit Two

Unit Two operated the month of April at full power with the exception of a manual scram, which was inserted on April 17, 2003 at 1337 hours due to a reactor relief valve being stuck open. The Station entered Forced Outage Q2F57 to replace the relief valve that was the cause of the manual scram. On April 20, 2003 the main generator was synchronized to the grid at 1554 hours. The Unit returned to full power on April 22, 2003.

III. OPERATING DATA STATISTICS

A. Quad Cities Unit One Operating Data Report for April 2003

DOCKET NO.: 50-254
DATE: May 13, 2003
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: April 2003
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	719.00	2879.00	212549.20
4.	HOURS GENERATOR ON-LINE	719.00	2879.00	207181.60
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	634855.00	2461422.00	136685331.00

III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265
DATE: May 13, 2003
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

- REPORTING PERIOD: April 2003
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	637.40	2797.40	205292.50
4.	HOURS GENERATOR ON-LINE	623.00	2783.00	200454.15
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	536643.00	2448043.00	137863043.00

IV. UNIT SHUTDOWNS

A. Unit ONE Shutdowns for April 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 April 2003

NO. FOR YEAR	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN (3)	CORRECTIVE ACTIONS/COMMENTS
1	04-17-03	F	98.3	A	2	3B PORV Stuck Open (Q2F57)

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 2003

Unit 1	None
Unit 2	<ul style="list-style-type: none"> • 3B Relief Valve self actuation on 04/16/03 for 9 hours and 15 minutes due to failure to re-close. • 3B and 3E Relief Valves were opened for approximately 15 seconds on 04/20/03 for Post Maintenance Testing. • 3B and 3E Relief Valves were opened for approximately 15 seconds on 04/20/03 in an attempt to reseal due to leakage per QCOS 0203-03. • 3B and 3E Relief Valves were opened for approximately 15 seconds on 04/20/03 in an attempt to reseal due to leakage per QCOS 0203-03.