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Exelon Nuclear

May 14, 2004

SVP-04-050

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 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,

Wally John Beck for

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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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 run at approximately 780 MWe due to ongoing Extended Power Uprate (EPU) evaluation. A planned load decrease occurred on April 25, 2004, to approximately 600 MWe for Control Rod Pattern Adjustment and Scram Timing.

B. Unit Two

Unit Two operated the month of April at approximately 800 MWe due to ongoing EPU issues, with the exception of a planned load decrease to approximately 500 MWe on April 1, 2004, for a Control Rod Pattern Adjustment. On April 7, 2004, a planned load increase to approximately 912 MWe for EPU data collection and a planned load decrease to approximately 740 MWe for a Control Rod Pattern Adjustment occurred. Unit Two continued to be limited to approximately 800 MWe due to ongoing EPU evaluations.

III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-254
DATE: May 14, 2004
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

REPORTING PERIOD: April 2004
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	2,903.00	220,660.24
4.	HOURS GENERATOR ON-LINE	719.00	2,903.00	215,219.99
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	1,655.20
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	533,876.00	2,164,703.00	143,198,861.00

III. OPERATING DATA STATISTICS

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

DOCKET NO.: 50-265
DATE: May 14, 2004
COMPLETED BY: Debbie Cline
TELEPHONE: (309) 227-2801

OPERATING STATUS

REPORTING PERIOD: April 2004
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

	PARMETER	THIS MONTH	YTD	CUMULATIVE
3.	NUMBER OF HOURS THE REACTOR WAS CRITICAL	719.00	2,107.69	212,823.29
4.	HOURS GENERATOR ON-LINE	719.00	2,074.87	207,929.02
5.	UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	2,312.90
6.	NET ELECTRICAL ENERGY GENERATED (MWH)	550,503.00	1,682,691.00	144,072,803.00

IV. UNIT SHUTDOWNS

A. Unit ONE Shutdowns for April 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 April 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

April 2004

Unit 1	None
Unit 2	None