Exelon Generation Company, LLC
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, IL 60450-9765

www.exeloncorp.com

Exelon Nuclear

10 CFR 50.4

September 14, 2001

PSLTR: #01-0102

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Dresden Nuclear Power Station, Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
Docket Nos. 50-237 and 50-249

Subject: Monthly Operating Report for August 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the August 2001, Monthly Operating Report for Dresden Nuclear Power Station, Units 2 and 3.

Should you have any questions concerning this letter, please contact Mr. D. F. Ambler, Regulatory Assurance Manager, at (815) 416 - 2800.

Respectfully,

R Fisher for POS

Preston Swafford
Site Vice President
Dresden Nuclear Power Station

Attachment

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector - Dresden Nuclear Power Station

IE24

ATTACHMENT

DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR AUGUST 2001

EXELON GENERATION COMPANY, LLC

FACILITY OPERATING LICENSE NOS. DPR-19 AND DPR-25

NRC DOCKET NOS. 50-237 AND 50-249

TABLE OF CONTENTS

I. Introduction

Dresden Nuclear Power Station (DNPS) is a two reactor generating facility owned and operated by the Exelon Generation Company, LLC. DNPS is located at the confluence of the Kankakee and Des Plaines Rivers, in Grundy County, near Morris, Illinois.

DNPS Units 2 and 3 are General Electric Boiling Water Reactors; each licensed at 2527 megawatts thermal. The gross outputs of Units 2 and 3 are 832 and 834 megawatts electrical, respectively, with design net electrical output ratings of 795 MWe each. The commercial service date for Unit 2 is August 11, 1970 and October 30, 1971 for Unit 3.

Waste heat is rejected to a man-made cooling lake using the Kankakee River for make up and the Illinois River for blowdown.

The Architect-Engineer for DNPS Units 2 and 3 was Sargent and Lundy of Chicago, Illinois.

II. SUMMARY OF OPERATING EXPERIENCE FOR AUGUST 2001

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 2 operated throughout the period at full power except for short periods for maintenance and surveillances.

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 3 operated throughout the period at full power except for short periods for maintenance and surveillances.

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for August 2001

DOCKET NO. 050-237
DATE September 6, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: August 2001
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,527
   MAXIMUM DEPENDABLE CAPACITY (MWe NET): 772
   DESIGN ELECTRICAL RATING (MWe Net): 795
3. POWER LEVEL TO WHICH RESTRICTED (MWe Net): No Restrictions
4. REASONS FOR RESTRICTIONS (IF ANY): See Section II.A of this report.

Unit Two Monthly Operating Status			
	This Month	**Year to Date**	**Cumulative**
5. Hours in Period	744	5,831	272,231
6. Reactor Critical - Hours	744	5,769	205,297
7. Reactor Reserve Shutdown – Hours	0	0	0
8. Hours Generator On-Line	744	5,756	196,900
9. Unit Reserve Shutdown – Hours	0	0	4
10.Thermal Energy Generated – MWHt Gross	1,817,818	14,204,312	423,995,658
11. Electrical Energy Generated – MWHe Gross	585,408	4,641,481	135,965,623
12. Electrical Energy Generated – MWHe Net	559,585	4,440,362	128,850,349
13. Reactor Service Factor – Percent	100.0%	98.9%	75.4%
14. Reactor Availability Factor – Percent	100.0%	98.9%	75.4%
15. Generator Service Factor – Percent	100.0%	98.7%	72.3%
16. Generator Availability Factor – Percent	100.0%	98.7%	72.3%
17. Capacity Factor – (Using MDC Net) Percent	97.4%	98.6%	61.3%
18. Capacity Factor – (Using DER Net) Percent	94.6%	95.8%	59.5%

III. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for August 2001

DOCKET NO. 050-249
DATE September 6, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: August 2001
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,527
   MAXIMUM DEPENDABLE CAPACITY (MWe Net): 773
   DESIGN ELECTRICAL RATING (MWe Net): 795
3. POWER LEVEL TO WHICH RESTRICTED: No Restrictions
4. REASONS FOR RESTRICTIONS (IF ANY): See Section II.B of this report.

Unit Three Monthly Operating Status			
	This Month	**Year to Date**	**Cumulative**
5. Hours in Period	744	5,831	261,551
6. Reactor Critical - Hours	744	5,719	192,299
7. Reactor Reserve Shutdown – Hours	0	0	0
8. Hours Generator On-Line	744	5,689	184,491
9. Unit Reserve Shutdown – Hours	0	0	1
10.Thermal Energy Generated – MWHt Gross	1,874,061	14,130,738	397,536,379
11. Electrical Energy Generated – MWHe Gross	599,207	4,575,030	127,551,777
12. Electrical Energy Generated – MWHe Net	576,117	4,403,208	121,239,791
13. Reactor Service Factor – Percent	100.0%	98.1%	73.5%
14. Reactor Availability Factor – Percent	100.0%	98.1%	73.5%
15. Generator Service Factor – Percent	100.0%	97.6%	70.5%
16. Generator Availability Factor – Percent	100.0%	97.6%	70.5%
17. Capacity Factor – (Using MDC Net) Percent	100.2%	97.7%	60.0%
18. Capacity Factor – (Using DER Net) Percent	97.4%	95.0%	58.3%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for August 2001

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

B. Unit 3 Shutdowns for August 2001

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

LEGEND:

(1) Type:
F – Forced
S - Scheduled

(2) Reason
A. Equipment Failure (Explain)
B. Maintenance or Test
C. Refueling
D. Regulatory Restriction
E. Operator Training & Licensing Exam
F. Administrative
G. Operational Error
H. Other (Explain)

(3) Method
1. Manual
2. Manual Scram
3. Automatic Scram
4. Other (Explain)
5. Load Reduction

V. Amendments to Facility Licenses or Technical Specifications

Dresden Nuclear Power Station did not implement any Amendments to the Technical Specifications or its Facility Licenses for the month of August 2001.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 – None