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May 15, 2002

RHLTR: #02-0031

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

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 April 2002

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the April 2002 - Monthly Operating Report for Dresden Nuclear Power Station, Units 2 and 3.

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

Respectfully,



R. J. Hovey
Site Vice President
Dresden Nuclear Power Station

Attachment

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

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ATTACHMENT

DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR APRIL 2002

EXELON GENERATION COMPANY, LLC

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

NRC DOCKET NOS. 50-237 AND 50-249

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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 Unit 2 is a General Electric Boiling Water Reactor. DNPS Unit 2 is licensed at 2957 megawatts thermal. The gross electrical output is 912 megawatts, with design net electrical output ratings of 864 megawatts. The commercial service date for Unit 2 is August 11, 1970.

DNPS Unit 3 is a General Electric Boiling Water Reactor. DNPS Unit 3 is licensed at 2527 megawatts thermal. The gross electrical output of Unit 3 is 834 megawatts, with design net electrical output ratings of 795 megawatts. The commercial service date for Unit 3 is October 30, 1971.

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 APRIL 2002

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

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

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

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

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for April 2002

DOCKET NO. 050-237
DATE May 02, 2002
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: April 2002
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)
DESIGN ELECTRICAL RATING (MWe Net): 864
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	719	2,879	278,039
6. Reactor Critical - Hours	719	2,879	210,517
7. Reactor Reserve Shutdown – Hours	0	0	0
8. Hours Generator On-Line	719	2,879	202,028
9. Unit Reserve Shutdown – Hours	0	0	4
10. Thermal Energy Generated – MWh Gross	2,045,784	8,099,917	437,484,581
11. Electrical Energy Generated – MWh Gross	653,319	2,600,070	140,279,578
12. Electrical Energy Generated – MWh Net	620,683	2,479,852	132,962,533
13. Reactor Service Factor – Percent	100.0%	100.0%	75.7%
14. Reactor Availability Factor – Percent	100.0%	100.0%	75.7%
15. Generator Service Factor – Percent	100.0%	100.0%	72.7%
16. Generator Availability Factor – Percent	100.0%	100.0%	72.7%
17. Capacity Factor – (Using MDC Net) Percent	101.6%	101.3%	56.3%
18. Capacity Factor – (Using DER Net) Percent	99.9%	99.7%	55.3%

III. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for April 2002

DOCKET NO. 050-249
DATE May 02, 2002
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: April 2002
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	719	2,879	267,359
6. Reactor Critical - Hours	719	2,701	197,719
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	719	2,682	189,843
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWh Gross	1,814,995	6,726,470	410,902,817
11. Electrical Energy Generated - MWe Gross	585,859	2,187,211	131,888,653
12. Electrical Energy Generated - MWe Net	565,678	2,112,628	125,415,163
13. Reactor Service Factor - Percent	100.0%	93.8%	74.0%
14. Reactor Availability Factor - Percent	100.0%	93.8%	74.0%
15. Generator Service Factor - Percent	100.0%	93.2%	71.0%
16. Generator Availability Factor - Percent	100.0%	93.2%	71.0%
17. Capacity Factor - (Using MDC Net) Percent	101.8%	94.9%	60.7%
18. Capacity Factor - (Using DER Net) Percent	99.0%	92.3%	59.0%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for April 2002

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

B. Unit 3 Shutdowns for April 2002

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

There were no license amendments implemented for Units 2 and 3 during the month of April.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 - None