

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

www.exeloncorp.com

10 CFR 50.4

June 11, 2001

PSLTR: #01-0069

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 Data Report for May 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports", we are submitting the May 2001, Monthly 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) 942-2920 extension 3800.

Respectfully,



Preston Swafford
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 MAY 2001

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 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 MAY 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 May 2001

DOCKET NO. 050-237
 DATE June 11, 2001
 COMPLETED BY Timothy P. Heisterman
 TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: May 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 2.1 of this report.

| Unit Two Monthly Operating Status | | | |
|---|-------------------|---------------------|-------------------|
| | This Month | Year to Date | Cumulative |
| 5. Hours in Period | 744 | 3623 | 270,023 |
| 6. Reactor Critical - Hours | 744 | 3560.65 | 203,089 |
| 7. Reactor Reserve Shutdown – Hours | 0 | 0 | 0 |
| 8. Hours Generator On-Line | 744 | 3548 | 194,692 |
| 9. Unit Reserve Shutdown – Hours | 0 | 0 | 4 |
| 10. Thermal Energy Generated – MWh Gross | 1,861,651 | 8,754,812 | 418,546,158 |
| 11. Electrical Energy Generated – MWh Gross | 602,556 | 2,880,803 | 134,204,945 |
| 12. Electrical Energy Generated – MWh Net | 575,569 | 2,757,657 | 127,167,644 |
| 13. Reactor Service Factor – Percent | 100% | 98.3% | 75.2% |
| 14. Reactor Availability Factor – Percent | 100% | 98.3% | 75.2% |
| 15. Generator Service Factor – Percent | 100% | 97.9% | 72.1% |
| 16. Generator Availability Factor – Percent | 100% | 97.9% | 72.1% |
| 17. Capacity Factor – (Using MDC Net) Percent | 100.2% | 98.6% | 61.0% |
| 18. Capacity Factor – (Using DER Net) Percent | 97.3% | 95.7% | 59.2% |

III. OPERATING DATA REPORT

B. Dresden Unit 3 Operating Data Report for May 2001

DOCKET NO. 050-249
 DATE June 11, 2001
 COMPLETED BY Timothy P. Heisterman
 TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: May 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 2.2 of this report.

| Unit Three Monthly Operating Status | | | |
|---|------------|--------------|-------------|
| | This Month | Year to Date | Cumulative |
| 5. Hours in Period | 744 | 3623 | 259,343 |
| 6. Reactor Critical - Hours | 744 | 3582.6167 | 190,162 |
| 7. Reactor Reserve Shutdown – Hours | 0 | 0 | 0 |
| 8. Hours Generator On-Line | 744 | 3575 | 182,377 |
| 9. Unit Reserve Shutdown – Hours | 0 | 0 | 1 |
| 10. Thermal Energy Generated – MWhG Gross | 1,803,967 | 8,889,038 | 392,294,679 |
| 11. Electrical Energy Generated – MWhG Gross | 579,190 | 2,898,133 | 125,874,880 |
| 12. Electrical Energy Generated – MWhG Net | 556,846 | 2,791,594 | 119,628,177 |
| 13. Reactor Service Factor – Percent | 100% | 98.9% | 73.3% |
| 14. Reactor Availability Factor – Percent | 100% | 98.9% | 73.3% |
| 15. Generator Service Factor – Percent | 100% | 98.7% | 70.3% |
| 16. Generator Availability Factor – Percent | 100% | 98.7% | 70.3% |
| 17. Capacity Factor – (Using MDC Net) Percent | 96.8% | 99.7% | 59.8% |
| 18. Capacity Factor – (Using DER Net) Percent | 94.1% | 96.9% | 58.0% |

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for May 2001

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

B. Unit 3 Shutdowns for May 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 or Technical Specifications to its Facility Licenses for the month of May 2001.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 - None