

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

www.exeloncorp.com

December 14, 2001

PSLTR: #01-0127

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 November 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the November 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,



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 NOVEMBER 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 NOVEMBER 2001**

### **A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY**

From November 01, 2001 to November 08, 2001, Unit 2 continued to perform outage activities associated with refueling. The plant was returned to service on November 09, 2001. For the remainder of the month, Unit 2 operated 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 November 2001**

DOCKET NO. 050-237  
DATE December 5, 2001  
COMPLETED BY Don Hamilton  
TELEPHONE (815) 416-3585

#### **OPERATING STATUS**

1. REPORTING PERIOD: November 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	720	8,016	274,416
6. Reactor Critical - Hours	574	7,365	206,894
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	528	7,261	198,405
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWHt Gross	1,240,598	17,706,121	427,497,467
11. Electrical Energy Generated - MWHe Gross	396,951	5,750,977	137,075,119
12. Electrical Energy Generated - MWHe Net	378,179	5,494,816	129,904,803
13. Reactor Service Factor - Percent	79.7%	91.9%	75.4%
14. Reactor Availability Factor - Percent	79.7%	91.9%	75.4%
15. Generator Service Factor - Percent	73.3%	90.6%	72.3%
16. Generator Availability Factor - Percent	73.3%	90.6%	72.3%
17. Capacity Factor - (Using MDC Net) Percent	68.0%	88.8%	61.3%
18. Capacity Factor - (Using DER Net) Percent	66.1%	86.2%	59.5%

### **III. OPERATING DATA STATISTICS**

#### **B. Dresden Unit 3 Operating Data Report for November 2001**

DOCKET NO. 050-249  
DATE December 5, 2001  
COMPLETED BY Don Hamilton  
TELEPHONE (815) 416-3585

#### **OPERATING STATUS**

1. REPORTING PERIOD: November 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	720	8,016	263,736
6. Reactor Critical - Hours	720	7,904	194,484
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	720	7,874	186,676
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWHt Gross	1,817,845	19,641,300	403,046,941
11. Electrical Energy Generated - MWHe Gross	590,616	6,362,013	129,338,760
12. Electrical Energy Generated - MWHe Net	567,502	6,119,379	122,955,962
13. Reactor Service Factor - Percent	100.0%	98.6%	73.7%
14. Reactor Availability Factor - Percent	100.0%	98.6%	73.7%
15. Generator Service Factor - Percent	100.0%	98.2%	70.8%
16. Generator Availability Factor - Percent	100.0%	98.2%	70.8%
17. Capacity Factor - (Using MDC Net) Percent	102.0%	98.8%	60.3%
18. Capacity Factor - (Using DER Net) Percent	99.1%	96.0%	58.6%

#### **IV. UNIT SHUTDOWNS**

##### **A. Unit 2 Shutdowns for November 2001**

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
D2R17	011020	S	192	C	1	Hours listed are the November portion of the refueling outage. October's portion was previously reported.

##### **B. Unit 3 Shutdowns for November 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**

Amendments 188 and 183 were implemented for Units 2 and 3, respectively during the month of November. Additionally, Amendment 189 was implemented for Unit 2 only.

#### **VI. Unique Reporting Requirements**

##### **A. Main Steam Relief and/or Safety Valve Operations**

Unit 2 - None

Unit 3 - None