

10 CFR 50.4

November 10, 2000

PSLTR: #00-0156

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555Dresden 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 October 2000

In accordance with Technical Specification Appendix A, Section 6.9.A, we are submitting the October 2000, 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 OCTOBER 2000**

**COMMONWEALTH EDISON COMPANY**

**FACILITY OPERATING LICENSES NOS. DPR-19 AND DPR-25**

**NRC DOCKET NOS. 50-237 AND 50-249**

# TABLE OF CONTENTS

- I. Introduction**
- II. Summary of Operating Experience**
  - A. Unit 2 Monthly Operating Experience Summary
  - B. Unit 3 Monthly Operating Experience Summary
- III. Operating Data Statistics**
  - A. Operating Data Report - Dresden Unit 2
  - B. Operating Data Report - Dresden Unit 3
- IV. Unit Shutdowns**
  - A. Unit 2 Shutdowns
  - B. Unit 3 Shutdowns
- V. Amendments to Facility Licenses or Technical Specifications**
- VI. Unique Reporting Requirements**
  - A. Main Steam Relief and/or Safety Valve Operations

## I. Introduction

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

Dresden 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 Dresden Units 2 and 3 was Sargent and Lundy of Chicago, Illinois.

## **II. SUMMARY OF OPERATING EXPERIENCE FOR OCTOBER 2000**

### **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 exited D3R16 Refueling Outage at 1:55 p.m. on October 3, 2000. For the remainder of October, Unit 3 operated at full power except for short periods for maintenance and surveillances.

### III. OPERATING DATA STATISTICS

#### **A. Dresden Unit 2 Operating Data Report for October 2000**

DOCKET NO. 050-237  
DATE November 10, 2000  
COMPLETED BY Sherry Butterfield  
TELEPHONE (815) 942-2920

#### **OPERATING STATUS**

1. REPORTING PERIOD: October, 2000
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.

<b>Unit Two Monthly Operating Status</b>			
	<b>This Month</b>	<b>Year to Date</b>	<b>Cumulative</b>
5. Hours in Period	745	7,320	264,936
6. Reactor Critical - Hours	745	7,320	198,089
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	745	7,320	189,717
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWhG Gross	1,873,451	18,327,325	406,269,806
11. Electrical Energy Generated - MWeG Gross	614,169	6,013,337	130,158,654
12. Electrical Energy Generated - MWe Net	587,544	5,751,216	123,293,769
13. Reactor Service Factor - Percent	100.0%	100.0%	74.8%
14. Reactor Availability Factor - Percent	100.0%	100.0%	74.8%
15. Generator Service Factor - Percent	100.0%	100.0%	71.6%
16. Generator Availability Factor - Percent	100.0%	100.0%	71.6%
17. Capacity Factor - (Using MDC Net) Percent	102.2%	101.8%	60.3%
18. Capacity Factor - (Using DER Net) Percent	99.3%	99.0%	58.6%
19. Forced Outage Factor - Percent	0%	0.0%	12.0%

### III. OPERATING DATA REPORT

#### **B. Dresden Unit Three Operating Data Report for October 2000**

DOCKET NO. 050-249  
DATE November 10, 2000  
COMPLETED BY Sherry Butterfield  
TELEPHONE (815) 942-2920

#### **OPERATING STATUS**

1. REPORTING PERIOD: October 2000
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.

<b>Unit Three Monthly Operating Status</b>			
	<b>This Month</b>	<b>Year to Date</b>	<b>Cumulative</b>
5. Hours in Period	745	7,320	254,256
6. Reactor Critical - Hours	700.1	6,864	185,116
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	674	6,779	177,338
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWhGross	1,621,650	16,797,292	379,715,732
11. Electrical Energy Generated - MWhGross	523,520	5,407,534	121,765,553
12. Electrical Energy Generated - MWhNet	503,402	5,197,693	115,669,159
13. Reactor Service Factor - Percent	94.0%	93.8%	73.4%
14. Reactor Availability Factor - Percent	94.0%	93.8%	73.4%
15. Generator Service Factor - Percent	90.5%	92.6%	70.0%
16. Generator Availability Factor - Percent	90.5%	92.6%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	87.5%	92.0%	57.9%
18. Capacity Factor - (Using DER Net) Percent	85.1%	89.4%	56.3%
19. Forced Outage Factor - Percent	0	1.4%	12.4%

## IV. UNIT SHUTDOWNS

### A. Unit 2 Shutdowns for October 2000

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

### B. Unit 3 Shutdowns for October 2000

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	10/1&2	S		C*	1	U3 reactor began generating electricity at 1:55 p.m. on October 3, 2000.

\*D3R16 Refueling Outage.

**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 in October, 2000.

## **VI. Unique Reporting Requirements**

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

Unit 2 - None

Unit 3 - None