

Commonwealth Edison Company  
Dresden Generating Station  
6500 North Dresden Road  
Morris, IL 60450  
Tel 815-942-2920

10 CFR 50.4



August 10, 2000

PSLTR: #00-0115

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 July 2000

In accordance with Technical Specification Appendix A, Section 6.9.A, we are submitting the July 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,

A handwritten signature in cursive script, appearing to read "Preston Swafford".

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 JULY 2000

COMMONWEALTH EDISON COMPANY

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

NRC DOCKET NOS. 50-237 AND 50-249

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## 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 JULY 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 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 JULY 2000**

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

#### **OPERATING STATUS**

1. REPORTING PERIOD: July, 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 II, A of this report.

Unit Two Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	744	5,111	262,727
6. Reactor Critical - Hours	744	5,111	195,880
7. Reactor Reserve Shutdown -- Hours	0	0	0
8. Hours Generator On-Line	744	5,111	187,508
9. Unit Reserve Shutdown -- Hours	0	0	4
10. Thermal Energy Generated -- MWHt Gross	1,857,233	12,763,127	400,705,608
11. Electrical Energy Generated -- MWHe Gross	607,956	4,193,529	128,338,846
12. Electrical Energy Generated -- MWHe Net	581,212	4,010,281	121,552,834
13. Reactor Service Factor -- Percent	100.0%	100.0%	74.6%
14. Reactor Availability Factor -- Percent	100.0%	100.0%	74.6%
15. Generator Service Factor -- Percent	100.0%	100.0%	71.4%
16. Generator Availability Factor -- Percent	100.0%	100.0%	71.4%
17. Capacity Factor -- (Using MDC Net) Percent	101.2%	101.6%	59.9%
18. Capacity Factor -- (Using DER Net) Percent	98.4%	98.8%	58.3%
19. Forced Outage Factor -- Percent	0%	0.0%	12.0%

### **III. OPERATING DATA REPORT**

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

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

#### **OPERATING STATUS**

1. REPORTING PERIOD: July 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 II, B of this report.

Unit Three Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	744	5,111	252,047
6. Reactor Critical - Hours	744	5,070	183,321
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	5,011	175,570
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWHt Gross	1,874,009	12,571,778	375,490,218
11. Electrical Energy Generated - MWHe Gross	602,534	4,055,641	120,413,660
12. Electrical Energy Generated - MWHe Net	579,452	3,901,953	114,373,419
13. Reactor Service Factor - Percent	100.0%	99.2%	73.4%
14. Reactor Availability Factor - Percent	100.0%	99.2%	73.4%
15. Generator Service Factor - Percent	100.0%	98.0%	70.0%
16. Generator Availability Factor - Percent	100.0%	98.0%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	100.9%	98.9%	57.9%
18. Capacity Factor - (Using DER Net) Percent	98.1%	96.2%	56.3%
19. Forced Outage Factor - Percent	0	1.4%	12.4%

#### IV. UNIT SHUTDOWNS

##### A. Unit 2 Shutdowns for July 2000

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

#### IV. UNIT 3 SHUTDOWNS

##### B. Unit 3 Shutdowns for July 2000

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 amendments to facility licenses or Technical Specifications for the month of July 2000 for Dresden Nuclear Power Station.

## **VI. Unique Reporting Requirements**

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

Unit 2 - None

Unit 3 – None