

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

10 CFR 50.54



February 10, 2000

PSLTR: #00-0055

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 January 2000

In accordance with Technical Specification 6.9.A, we are submitting the January 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 black ink that reads "Preston Swafford". The signature is written in a cursive, flowing style.

Preston Swafford
Site Vice President
Dresden Nuclear Power Station

Attachment

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

ATTACHMENT

DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR JANUARY 2000

COMMONWEALTH EDISON COMPANY

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 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 JANUARY 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 January 2000

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

OPERATING STATUS

1. REPORTING PERIOD: January, 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.

Unit Two Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	744	744	258,360
6. Reactor Critical - Hours	744	744	191,513
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	744	183,141
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWhG Gross	1,840,572	1,840,572	389,783,053
11. Electrical Energy Generated - MWhG Gross	612,424	612,424	124,757,741
12. Electrical Energy Generated - MWhG Net	586,442	586,442	118,128,995
13. Reactor Service Factor - Percent	100.0%	100.0%	74.1%
14. Reactor Availability Factor - Percent	100.0%	100.0%	74.1%
15. Generator Service Factor - Percent	100.0%	100.0%	70.9%
16. Generator Availability Factor - Percent	100.0%	100.0%	70.9%
17. Capacity Factor - (Using MDC Net) Percent	102.1%	102.1%	59.2%
18. Capacity Factor - (Using DER Net) Percent	99.3%	99.3%	57.6%
19. Forced Outage Factor - Percent	0%	0.0%	12.0%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for January 2000

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

OPERATING STATUS

1. REPORTING PERIOD: January 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.

Unit Three Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	744	744	247,680
6. Reactor Critical - Hours	744	744	178,995
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	744	171,303
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWhG Gross	1,874,652	1,874,652	364,793,092
11. Electrical Energy Generated - MWhG Gross	614,621	614,621	116,972,640
12. Electrical Energy Generated - MWhG Net	592,189	592,189	111,063,655
13. Reactor Service Factor - Percent	100.0%	100.0%	73.4%
14. Reactor Availability Factor - Percent	100.0%	100.0%	73.4%
15. Generator Service Factor - Percent	100.0%	100.0%	70.0%
16. Generator Availability Factor - Percent	100.0%	100.0%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	103.1%	103.1%	57.9%
18. Capacity Factor - (Using DER Net) Percent	100.2%	100.2%	56.3%
19. Forced Outage Factor - Percent	0%	0%	12.4%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for January 2000

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

LEGEND:		
<p>(1) Type: F - Forced S - Scheduled</p>	<p>(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)</p>	<p>(3) Method 1. Manual 2. Manual Scram 3. Automatic Scram 4. Other (Explain) 5. Load Reduction</p>

IV. UNIT 3 SHUTDOWNS

B. Unit 3 Shutdowns for January 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

Amendments to Facility License or Technical Specifications

Dresden Nuclear Power Station implemented no Amendments or Technical Specifications in January 2000.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 - None