

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

10 CFR 50.4



October 10, 2000

PSLTR: #00-0142

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 September 2000

In accordance with Technical Specification Appendix A, Section 6.9.A, we are submitting the September 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 that reads "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

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ATTACHMENT

DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR SEPTEMBER 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 SEPTEMBER 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 entered refueling outage D3R16 at 2 p.m. on September 15, 2000. Prior to the start of D3R16, 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 September 2000

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

OPERATING STATUS

1. REPORTING PERIOD: September, 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	720	6,575	264,191
6. Reactor Critical - Hours	720	6,575	197,344
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	720	6,575	188,972
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWh Gross	1,817,529	16,453,874	404,396,355
11. Electrical Energy Generated - MWe Gross	595,921	5,399,168	129,544,485
12. Electrical Energy Generated - MWe Net	571,254	5,163,672	122,706,225
13. Reactor Service Factor - Percent	100.0%	100.0%	74.7%
14. Reactor Availability Factor - Percent	100.0%	100.0%	74.7%
15. Generator Service Factor - Percent	100.0%	100.0%	71.5%
16. Generator Availability Factor - Percent	100.0%	100.0%	71.5%
17. Capacity Factor - (Using MDC Net) Percent	102.8%	101.7%	60.2%
18. Capacity Factor - (Using DER Net) Percent	99.9%	98.9%	58.5%
19. Forced Outage Factor - Percent	0%	0.0%	12.0%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for September 2000

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

OPERATING STATUS

1. REPORTING PERIOD: September 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	720	6,575	253,511
6. Reactor Critical - Hours	350.8	6,164	184,416
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	350	6,105	176,664
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWh Gross	778,380	15,175,642	378,094,082
11. Electrical Energy Generated - MWh Gross	246,342	4,884,014	121,242,033
12. Electrical Energy Generated - MWh Net	233,216	4,694,291	115,165,757
13. Reactor Service Factor - Percent	48.7%	93.8%	73.4%
14. Reactor Availability Factor - Percent	48.7%	93.8%	73.4%
15. Generator Service Factor - Percent	48.6%	92.9%	70.0%
16. Generator Availability Factor - Percent	48.6%	92.9%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	42.0%	92.5%	57.9%
18. Capacity Factor - (Using DER Net) Percent	40.8%	89.9%	56.3%
19. Forced Outage Factor - Percent	0	1.4%	12.4%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for September 2000

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

B. Unit 3 Shutdowns for September 2000

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	9/15/00	S		C	1*	

* Unit 3 coasted down to 85% full power until all rods were manually inserted.

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 implemented the following amendments to its facility licenses or Technical Specifications for Units 2 and 3 in September, 2000:

1. Amendment Nos. 179/174 on 9/19/00 for P-T Curve Revision
2. Amendment Nos. 180/175 on 9/21/00 for Exposure-Dependent MCPR Limits
3. Amendment Nos. 181/176 on 9/26/00 for Elimination of Low Pressure EHC Trip

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 - None