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

10 CFR 50.4

ComEd

June 12, 2000

PSLTR: #00-0092

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 May 2000

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

Preston Swafford
Site Vice President
Dresden Nuclear Power Station

Attachment

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

NRR-065

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ATTACHMENT

DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR MAY 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 MAY 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 experienced an automatic scram on May 3, 2000. During a transfer of Reactor Protection System (RPS) power, both RPS buses de-energized causing a full reactor scram.

On May 4, 2000 during startup, Unit 3 was manually tripped when the temperature of the Condensate entering the Demineralizers reached 135 degrees F. A manual scram was initiated per procedure, on high condensate temperature, to protect the condensate demineralizer resins.

The Unit 3 generator was taken off-line Saturday, May 27, 2000, in order to make slip ring repairs. The Unit 3 generator returned online Monday, May 31, 2000.

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for MAY 2000

DOCKET NO. 050-237
DATE June 12, 2000
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: May, 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	3,647	261,263
6. Reactor Critical - Hours	744	3,647	194,416
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	3,647	186,044
9. Unit Reserve Shutdown - Hours	0	0	4
10.Thermal Energy Generated - MWHt Gross	1,854,683	9,088,043	397,030,524
11. Electrical Energy Generated - MWHe Gross	601,434	2,992,469	127,137,786
12. Electrical Energy Generated - MWHe Net	574,057	2,862,167	120,404,720
13. Reactor Service Factor - Percent	100.0%	100.0%	74.4%
14. Reactor Availability Factor - Percent	100.0%	100.0%	74.4%
15. Generator Service Factor - Percent	100.0%	100.0%	71.2%
16. Generator Availability Factor - Percent	100.0%	100.0%	71.2%
17. Capacity Factor - (Using MDC Net) Percent	99.9%	101.7%	59.7%
18. Capacity Factor - (Using DER Net) Percent	97.2%	98.8%	58.0%
19. Forced Outage Factor - Percent	0%	0.0%	12.0%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for MAY 2000

DOCKET NO. 050-249
DATE June 12, 2000
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: May 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	3,647	250,583
6. Reactor Critical - Hours	702.5	3,606	181,857
7. Reactor Reserve Shutdown – Hours	0	0	0
8. Hours Generator On-Line	644	3,547	174,106
9. Unit Reserve Shutdown – Hours	0	0	1
10.Thermal Energy Generated – MWHt Gross	1,575,846	8,883,840	371,802,280
11. Electrical Energy Generated – MWHe Gross	492,845	2,870,660	119,228,679
12. Electrical Energy Generated – MWHe Net	472,896	2,762,369	113,233,835
13. Reactor Service Factor – Percent	94.4%	98.9%	73.4%
14. Reactor Availability Factor – Percent	94.4%	98.9%	73.4%
15. Generator Service Factor – Percent	86.6%	97.3%	70.0%
16. Generator Availability Factor – Percent	86.6%	97.3%	70.0%
17. Capacity Factor – (Using MDC Net) Percent	82.3%	98.1%	57.9%
18. Capacity Factor – (Using DER Net) Percent	80.1%	95.4%	56.3%
19. Forced Outage Factor – Percent	8.7%	1.6%	12.4%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for May 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 May 2000

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	5/3/00	F	30 hrs.	B	3	A prompt investigation determined that the scram was caused by a thermal overload trip to RPS MG "B" feeder breaker, which was a result of the wrong acceptance criteria used for the 2 new thermal overload relays that were installed in the breaker the previous day.
2.	5/4/00	F	31 hrs.	A	2	On Thursday, May 4, 2000, Unit 3 was manually tripped when the temperature of the Condensate entering the Demineralizers reached 135°F.
3.	5/27/00	S	39 hrs.	B	Remained Critical	On Saturday, May 27, 2000, Unit 3 generator was taken off-line to make slip ring repairs, while the Unit remained critical.

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

On May 25, 2000, Dresden Nuclear Power Station implemented Technical Specification Amendment 176 for Unit 2 and Technical Specification Amendment 172 for Unit 3, for Minimum Torus Level for Modes 4 and 5.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 – None