

Exelon Generation Company, LLC
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, IL 60450-9765

www.exeloncorp.com

January 15, 2001

PSLTR: #02-0004

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

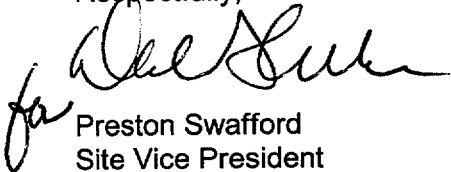
Dresden Nuclear Power Station, Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
Docket Nos. 50-237 and 50-249

Subject: Monthly Operating Report for December 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the December 2001 - Monthly Operating 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) 416 - 2800.

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 DECEMBER 2001

EXELON GENERATION COMPANY, LLC

FACILITY OPERATING LICENSE 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 (DNPS) is a two reactor generating facility owned and operated by the Exelon Generation Company, LLC. DNPS is located at the confluence of the Kankakee and Des Plaines Rivers, in Grundy County, near Morris, Illinois.

DNPS Unit 2 is a General Electric Boiling Water Reactor. DNPS Unit 2 recently implemented a license amendment to increase the core thermal output to 2957 megawatts. The gross electrical output is 912 megawatts. The Unit 2 design net electrical rating has not been finalized at this time. The commercial service date for Unit 2 is August 11, 1970.

DNPS Unit 3 is a General Electric Boiling Water Reactor. DNPS Unit 3 is licensed at 2527 megawatts thermal. The gross electrical output of Unit 3 is 834 megawatts, with design net electrical output ratings of 795 megawatts. The commercial service date for Unit 3 is October 30, 1971.

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

II. SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER 2001

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

During this operating period, Unit 3 experienced increased unidentified drywell leakage. The plant was shutdown on December 01, 2001 to perform repairs. During the shutdown, a valve-packing leak was repaired and the plant restarted on December 04, 2001. However, once the reactor was repressurized, the leak resurfaced. The plant was shutdown again on December 11, 2001 and repairs were made to the reactor head. The plant was returned to service on December 19, 2001 and continued to operate throughout the remainder of 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 December 2001

DOCKET NO. 050-237
DATE January 4, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: December 2001
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957 *
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	8,760	275,160
6. Reactor Critical - Hours	744	8,109	207,638
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	8,005	199,149
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWh Gross	1,887,197	19,593,318	429,384,664
11. Electrical Energy Generated - MWe Gross	604,389	6,355,366	137,679,508
12. Electrical Energy Generated - MWe Net	577,878	6,072,694	130,482,681
13. Reactor Service Factor - Percent	100.0%	92.6%	75.5%
14. Reactor Availability Factor - Percent	100.0%	92.6%	75.5%
15. Generator Service Factor - Percent	100.0%	91.4%	72.4%
16. Generator Availability Factor - Percent	100.0%	91.4%	72.4%
17. Capacity Factor - (Using MDC Net) Percent	100.6%	89.8%	61.4%
18. Capacity Factor - (Using DER Net) Percent	97.7%	87.2%	59.6%

* Dresden received a revised license, allowing operation to 2,957 MWth during the month. The planned testing sequence was performed late in the month to achieve the new gross electrical power level of 912 MWe on December 30. Since the majority of the month was operated under the prior electrical ratings, namely MDC of 772 and DER of 795, these values were utilized for the capacity factor calculations for December.

III. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for December 2001

DOCKET NO. 050-249
DATE January 4, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: December 2001
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	8,760	264,480
6. Reactor Critical - Hours	535	8,439	195,018
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	485	8,359	187,161
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWHt Gross	1,129,406	20,770,706	404,176,347
11. Electrical Energy Generated - MWHt Gross	362,682	6,724,695	129,701,442
12. Electrical Energy Generated - MWHt Net	346,573	6,465,952	123,302,535
13. Reactor Service Factor - Percent	71.9%	96.3%	73.7%
14. Reactor Availability Factor - Percent	71.9%	96.3%	73.7%
15. Generator Service Factor - Percent	65.2%	95.4%	70.8%
16. Generator Availability Factor - Percent	65.2%	95.4%	70.8%
17. Capacity Factor - (Using MDC Net) Percent	60.3%	95.5%	60.3%
18. Capacity Factor - (Using DER Net) Percent	58.6%	92.8%	58.6%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for December 2001

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

B. Unit 3 Shutdowns for December 2001

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
D3F37	011201	F	65	A	1	Unidentified leakage increased in the drywell. An Isolation Condenser valve packing leak was repaired
D3F38	011211	F	194	A	1	Unidentified leakage continued following startup and the plant was shutdown. The leak was determined to be coming from the vessel head. This leak was repaired and the plant returned to service.

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

Amendments 190 and 184 were implemented for Units 2 and 3, respectively during the month of December. Additionally, Amendment 191 was implemented for Unit 2 only.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 – None