

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

www.exeloncorp.com

10 CFR 50.4

May 10, 2001

PSLTR: #01-0059

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

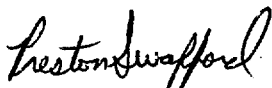
Dresden Nuclear Power Station Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
Docket Nos. 50-237 and 50-249

Subject: Monthly Operating Data Report for April 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports", we are submitting the April 2001, 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
Site Vice President
Dresden Nuclear Power Station

Attachment

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

IE 24

ATTACHMENT

DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR APRIL 2001

EXELON GENERATION COMPANY LLC

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

II. SUMMARY OF OPERATING EXPERIENCE FOR APRIL 2001

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

On April 3, 2001, Unit 2 was manually scrammed in accordance with procedures at 2358 hours due to a reactor recirculation pump trip while the Unit was in single loop operation. The Unit became critical on April 6, 2001, at 1419 hours. For the remainder of April, Unit 2 operated at full power except for short periods for maintenance and surveillances.

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 3 scrammed on April 27, 2001 at 1453 hours due to a runup of the 3B reactor recirculation pump motor generator set. The Unit became critical on April 29, 2001, at 0716 hours. Unit 3 was critical for the remainder of the month.

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for April 2001

DOCKET NO. 050-237
DATE May 10, 2001
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: April 2001
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	719	2879	269,279
6. Reactor Critical - Hours	656.65	2816.65	202,345
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	644	2804	193,948
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWh Gross	1,511,666	6,893,161	416,684,507
11. Electrical Energy Generated - MWe Gross	493,683	2,278,247	133,602,389
12. Electrical Energy Generated - MWe Net	471,590	2,182,088	126,592,075
13. Reactor Service Factor - Percent	91.3%	97.8%	75.1%
14. Reactor Availability Factor - Percent	91.3%	97.8%	75.1%
15. Generator Service Factor - Percent	89.6%	97.4%	72.0%
16. Generator Availability Factor - Percent	89.6%	97.4%	72.0%
17. Capacity Factor - (Using MDC Net) Percent	85.0%	98.2%	60.9%
18. Capacity Factor - (Using DER Net) Percent	82.6%	95.5%	59.2%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for April 2001

DOCKET NO. 050-249
DATE May 10, 2001
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: April 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 2.2 of this report.

Unit Three Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	719	2879	258,599
6. Reactor Critical - Hours	678.6167	2838.6167	189,418
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	671	2831	181,633
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWhG Gross	1,638,696	7,085,071	390,490,712
11. Electrical Energy Generated - MWeG Gross	531,169	2,318,943	125,295,690
12. Electrical Energy Generated - MWe Net	510,353	2,234,748	119,071,331
13. Reactor Service Factor - Percent	94.4%	98.6%	73.4%
14. Reactor Availability Factor - Percent	94.4%	98.6%	73.4%
15. Generator Service Factor - Percent	93.3%	98.3%	70.0%
16. Generator Availability Factor - Percent	93.3%	98.3%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	91.9%	100.5%	57.9%
18. Capacity Factor - (Using DER Net) Percent	89.4%	97.8%	56.3%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for April 2001

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	4/3/01	F	75 hours	Root Cause Investigation in progress.	2	Unit 2 was manually scrammed on 4/3/01 due to 2A reactor recirculation pump auto trip while in single loop. Immediate Actions: <ul style="list-style-type: none"> • Unit was stabilized in Mode 3. • ENS notification was made. • OCC was manned. • Root Cause Investigation in progress.

B. Unit 3 Shutdowns for April 2001

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	4/27/01	F	48 hours	Root Cause Investigation in progress	3	Unit 3 reactor scrammed on 4/27/01 due to 3B reactor recirculation reactor generator (MG) set runup. MG set would not trip when oscillations were experienced and manual trip attempted. Immediate Actions: <ul style="list-style-type: none"> • Plant placed in stable condition. • ENS notification was made. • OCC was manned. • Root Cause Investigation in progress.

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 April 23, 2001, Dresden Nuclear Power Station implemented the following Amendments or Technical Specifications to its Facility Operating Licenses, Units 2 (DPR-19) and 3 (DPR-25):

Amendment No.179 & 184, Target Rock Safety/Relief Valve
Amendment No.180 & 185, Improved Technical Specifications (ITS)

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None
Unit 3 – None