

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

www.exeloncorp.com

10 CFR 50.4

August 14, 2001

PSLTR: #01-0088

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 July 2001

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports", we are submitting the July 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 JULY 2001

EXELON GENERATION COMPANY, LLC

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 (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 JULY 2001

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

During the month of July, Unit 2 operated at reduced power due to projected discharge water effluent temperatures.

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

During the month of July, Unit 3 operated at reduced power due to projected discharge water effluent temperatures.

On July 1, 2001, the plant had to be shut down to perform corrective maintenance on a primary containment isolation valve in the Isolation Condenser system. The valve is located inside the Drywell and could not be repaired online. The plant was returned to service on July 4, 2001.

There was one recorded manual scram during the month of July. It occurred on July 5, 2001 due to a failed temperature control valve on the service water side of the Reactor Building Closed Cooling Water (RBCCW) system which caused a loss of cooling to the drywell resulting in a drywell pressure increase, causing operations personnel to insert a manual scram in anticipation of an impending automatic scram from the high drywell pressure condition. Additionally, this event resulted in the plant declaring an Alert. The plant was returned to service on July 6, 2001.

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for July 2001

DOCKET NO. 050-237
DATE August 6, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: July 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	744	5,087	271,487
6. Reactor Critical - Hours	744	5,025	204,553
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	5,012	196,156
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWHt Gross	1,816,296	12,386,494	422,177,840
11. Electrical Energy Generated - MWHe Gross	584,987	4,056,073	135,380,215
12. Electrical Energy Generated - MWHe Net	558,769	3,880,777	128,290,764
13. Reactor Service Factor - Percent	100.0%	98.8%	75.3%
14. Reactor Availability Factor - Percent	100.0%	98.8%	75.3%
15. Generator Service Factor - Percent	100.0%	98.5%	72.3%
16. Generator Availability Factor - Percent	100.0%	98.5%	72.3%
17. Capacity Factor - (Using MDC Net) Percent	97.3%	98.8%	61.2%
18. Capacity Factor - (Using DER Net) Percent	94.5%	96.0%	59.4%

III. OPERATING DATA REPORT

B. Dresden Unit 3 Operating Data Report for July 2001

DOCKET NO. 050-249
DATE August 6, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: July 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	744	5,087	260,807
6. Reactor Critical - Hours	673	4,975	191,555
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	650	4,945	183,747
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWHt Gross	1,550,941	12,256,677	395,662,318
11. Electrical Energy Generated - MWHe Gross	492,540	3,975,823	126,952,570
12. Electrical Energy Generated - MWHe Net	472,568	3,827,091	120,663,674
13. Reactor Service Factor - Percent	90.4%	97.8%	73.4%
14. Reactor Availability Factor - Percent	90.4%	97.8%	73.4%
15. Generator Service Factor - Percent	87.4%	97.2%	70.5%
16. Generator Availability Factor - Percent	87.4%	97.2%	70.5%
17. Capacity Factor - (Using MDC Net) Percent	82.2%	97.3%	59.9%
18. Capacity Factor - (Using DER Net) Percent	79.9%	94.6%	58.2%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for July 2001

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

B. Unit 3 Shutdowns for July 2001

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
D3F35	010701	S	45	A	1	The valve was repaired and the plant was returned to service.
D3F36	010705	F	26	A	2	The RBCCW system was restored and the failed TCV was repaired.

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 did not implement any Amendments to the Technical Specifications or its Facility Licenses for the month of July 2001.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 – None