

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

www.exeloncorp.com

October 15, 2001

PSLTR: #01-0112

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 September 2001

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


for 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 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 SEPTEMBER 2001

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

On August 27, 2001, an increase of combustible gas was identified on Main Power Transformer 2. On September 1, 2001, the plant was manually shutdown to repair the transformer. The plant was returned to service on September 9, 2001. For the remainder of the month, Unit 2 operated at full power except for short periods for maintenance and surveillances.

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 3 operated throughout 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 September 2001

DOCKET NO. 050-237
DATE October 09, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: September 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 II.A of this report.

Unit Two Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	720	6,551	272,951
6. Reactor Critical - Hours	554	6,323	205,851
7. Reactor Reserve Shutdown – Hours	0	0	0
8. Hours Generator On-Line	513	6,269	197,413
9. Unit Reserve Shutdown – Hours	0	0	4
10. Thermal Energy Generated – MWh _t Gross	1,228,650	15,432,962	425,224,308
11. Electrical Energy Generated – MWh _e Gross	388,120	5,029,601	136,353,743
12. Electrical Energy Generated – MWh _e Net	369,249	4,809,611	129,219,598
13. Reactor Service Factor – Percent	76.9%	96.5%	75.4%
14. Reactor Availability Factor – Percent	76.9%	96.5%	75.4%
15. Generator Service Factor – Percent	71.3%	95.7%	72.3%
16. Generator Availability Factor – Percent	71.3%	95.7%	72.3%
17. Capacity Factor – (Using MDC Net) Percent	66.4%	95.1%	61.3%
18. Capacity Factor – (Using DER Net) Percent	64.5%	92.3%	59.5%

III. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for September 2001

DOCKET NO. 050-249
DATE October 09, 2001
COMPLETED BY Don Hamilton
TELEPHONE (815) 416-3585

OPERATING STATUS

1. REPORTING PERIOD: September 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	720	6,551	262,271
6. Reactor Critical - Hours	720	6,439	193,019
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	720	6,409	185,211
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWh Gross	1,815,027	15,945,765	399,351,406
11. Electrical Energy Generated - MWe Gross	587,266	5,162,296	128,139,043
12. Electrical Energy Generated - MWe Net	563,249	4,966,457	121,803,040
13. Reactor Service Factor - Percent	100.0%	98.3%	73.6%
14. Reactor Availability Factor - Percent	100.0%	98.3%	73.6%
15. Generator Service Factor - Percent	100.0%	97.8%	70.6%
16. Generator Availability Factor - Percent	100.0%	97.8%	70.6%
17. Capacity Factor - (Using MDC Net) Percent	101.2%	98.1%	60.1%
18. Capacity Factor - (Using DER Net) Percent	98.4%	95.4%	58.4%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for September 2001

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
D2F37	010901	F	207	A	1	The Unit's Main Power Transformer internal gas generation rate increased, indicating internal damage. The Unit was taken off line and internal repairs were performed on the transformer.

B. Unit 3 Shutdowns for September 2001

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

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 Amendments 186 and 181 to the plant's Technical Specifications and its Facility Licenses during the month of September 2001.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 – None