

March 11, 2005

SVPLTR # 05-0009

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

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

Subject: Monthly Operating Report for February 2005

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the February 2005 Monthly Operating Report for Dresden Nuclear Power Station (DNPS), Units 2 and 3.

Should you have any questions concerning this letter, please contact Mr. Pedro Salas, Regulatory Assurance Manager, at (815) 416 - 2800.

Respectfully,

**Original Signed by**

Danny G. Bost  
Site Vice President  
Dresden Nuclear Power Station

Attachment

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

# **ATTACHMENT**

**DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3**

**MONTHLY OPERATING REPORT**

**FOR FEBRUARY 2005**

**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. Summary of Operating Experience**

- A. Unit 2 Monthly Operating Experience Summary
- B. Unit 3 Monthly Operating Experience Summary

## **II. Operating Data Statistics**

- A. Operating Data Report - Dresden Unit 2
- B. Operating Data Report - Dresden Unit 3

## **III. Unit Shutdowns**

- A. Unit 2 Shutdowns
- B. Unit 3 Shutdowns

## **IV. Challenges to Safety and Relief Valves**

**I. SUMMARY OF OPERATING EXPERIENCE FOR FEBRUARY - 2005**

**A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY**

Beginning on February 2 at approximately 1400 hours, load was reduced at various times to a minimum of approximately 87% electrical output to investigate higher than expected RPV steam moisture carryover. Troubleshooting determined the high moisture carryover was due to the core configuration. Adjustments were made to the core configuration that reduced the moisture carryover. The unit returned to full power operation at approximately 0600 on February 19.

With the exception of short periods for routine maintenance and surveillances, Unit 2 operated at full power for the remainder of the reporting period.

**B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY**

On February 27, at approximately 0000 hours, load was reduced to approximately 55% electrical output to perform turbine valve testing, control rod scram time testing, and a control rod pattern adjustment. The unit returned to full power operation at approximately 1400 hours on February 28.

With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the remainder of the reporting period.

## II. OPERATING DATA STATISTICS

### A. Dresden Unit 2 Operating Data Report for February 2005

DOCKET NO. 050-237  
DATE March 1, 2005  
COMPLETED BY Joseph Reda  
TELEPHONE (815) 416-3081

#### OPERATING STATUS

1. REPORTING PERIOD: February 2005
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957  
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)  
DESIGN ELECTRICAL RATING (MWe Net): 867

<b>Unit 2 Monthly Operating Status</b>			
	<b>This Month</b>	<b>Year to Date</b>	<b>Cumulative</b>
3. Reactor Critical – Hours	672	1,416	233,151
4. Hours Generator On-Line	672	1,416	224,369
5. Unit Reserve Shutdown – Hours	0	0	4
6. Net Electrical Energy Generated – MWh	570,849	1,217,915	151,840,494

## II. OPERATING DATA STATISTICS

### B. Dresden Unit 3 Operating Date Report for February 2005

DOCKET NO. 050-249  
DATE March 1, 2005  
COMPLETED BY Joseph Reda  
TELEPHONE (815) 416-3081

#### OPERATING STATUS

1. REPORTING PERIOD: February 2005
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957  
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)  
DESIGN ELECTRICAL RATING (MWe Net): 867

<b>Unit 3 Monthly Operating Status</b>			
	<b>This Month</b>	<b>Year to Date</b>	<b>Cumulative</b>
3. Reactor Critical – Hours	672	1,416	220,390
4. Hours Generator On-Line	672	1,416	212,242
5. Unit Reserve Shutdown – Hours	0	0	1
6. Net Electrical Energy Generated – MWe	578,722	1,227,924	143,992,130

**III. UNIT SHUTDOWNS**

**A. Unit 2 Shutdowns for February 2005**

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

**B. Unit 3 Shutdowns for February 2005**

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

<b>LEGEND:</b>		
<b>(1) Type:</b> F - Forced S - Scheduled	<b>(2) Reason</b> A. Equipment Failure (Explain) B. Maintenance or Test C. Refueling D. Regulatory Restriction E. Operator Training & Licensing Exam F. Administrative G. Operational Error (Explain) H. Other (Explain)	<b>(3) Method</b> 1. Manual 2. Manual Trip / Scram 3. Automatic Trip / Scram 4. Continuation 5. Other (Explain)

**IV. CHALLENGES TO SAFETY AND RELIEF VALVES**

Unit 2            None  
Unit 3            None