

Exelon Generation  
Dresden Generating Station  
6500 North Dresden Road  
Morris, IL 60450-9765  
Tel 815-942-2920

www.exeloncorp.com

January 15, 2004

RHLTR: #04-0001

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

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 2003

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the December 2003 Monthly Operating Report for Dresden Nuclear Power Station (DNPS), Units 2 and 3.

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

Respectfully,



R. J. Hovey  
Site Vice President  
Dresden Nuclear Power Station

Attachment

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

IE24

**ATTACHMENT**

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

**MONTHLY OPERATING REPORT**

**FOR DECEMBER 2003**

**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 DECEMBER - 2003**

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

On December 4, 2003, at 0400 hours, load was reduced to approximately 90% electrical output to perform control rod maintenance and testing. The unit returned to full power operation at 0500 hours.

On December 12, 2003, at 0000 hours, the unit was shutdown due to a failure of the stator cooling water temperature control valve. The outage was completed and the unit returned online at 1200 on December 13, 2003, and returned to full power operation at 0100 hours on December 15, 2003.

On December 17, 2003, at 0300 hours, load was reduced to approximately 90% electrical output to perform a control rod pattern adjustment. The unit returned to full power operation at 0400 hours.

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

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

Since the beginning of December, the unit was operating at the pre-Extended Power Up-rate Power level, approximately 85%, due to potential steam dryer concerns. On December 6, 2003, at 0100 hours, the unit was shutdown to perform repairs and modifications to the steam dryer. The outage was completed and the unit returned online at 2300 on December 20, 2003, with the unit reaching full power at 2000 on December 22, 2003.

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

## II. OPERATING DATA STATISTICS

### A. Dresden Unit 2 Operating Data Report for December 2003

DOCKET NO. 050-237  
DATE January 06, 2004  
COMPLETED BY Eric Steckhan  
TELEPHONE (815) 416-2357

#### OPERATING STATUS

1. REPORTING PERIOD: December 2003
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957  
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)  
DESIGN ELECTRICAL RATING (MWe Net): 867

Unit 2 Monthly Operating Status			
	This Month	Year to Date	Cumulative
3. Reactor Critical - Hours	718	8,090	224,488
4. Hours Generator On-Line	709	7,999	215,908
5. Unit Reserve Shutdown - Hours	0	0	4
6. Net Electrical Energy Generated - MWhe	600,926	6,703,108	144,713,261

## II. OPERATING DATA STATISTICS

### B. Dresden Unit 3 Operating Data Report for December 2003

DOCKET NO. 050-249  
DATE January 06, 2004  
COMPLETED BY Eric Steckhan  
TELEPHONE (815) 416-2357

#### OPERATING STATUS

1. REPORTING PERIOD: December 2003
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957  
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)  
DESIGN ELECTRICAL RATING (MWe Net): 867

Unit 3e Monthly Operating Status			
	This Month	Year to Date	Cumulative
3. Reactor Critical - Hours	408	8,294	211,325
4. Hours Generator On-Line	387	8,206	203,282
5. Unit Reserve Shutdown – Hours	0	0	1
6. Net Electrical Energy Generated – MWHe	300,499	6,963,860	136,327,261

### III. UNIT SHUTDOWNS

#### A. Unit 2 Shutdowns for December 2003

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
4	12/12/03	F	35	A	2	Forced outage due to failure of the Stator Water Cooling temperature control valve.

#### B. Unit 3 Shutdowns for December 2003

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
3	12/06/03	S	357	B	1	Maintenance outage to perform modifications to the steam dryer.

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

### IV. Challenges to Safety and Relief Valves

Unit 2        None  
 Unit 3        None