

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

www.exeloncorp.com

September 15, 2004

SVPLTR #04-0062

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

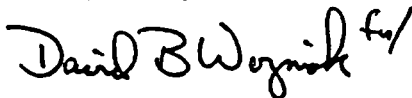
Dresden Nuclear Power Station, Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-237 and 50-249

Subject: Monthly Operating Report for August 2004

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the August 2004 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,



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

IE24

ATTACHMENT

DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR AUGUST 2004

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 AUGUST - 2004

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

On August 8, at approximately 0300 hours, load was reduced to approximately 97% electrical output due to high turbine-generator bearing vibration. Additional power reductions occurred until approximately 0600 on August 14 when the unit was taken offline to repair a crack in the main generator housing. The unit returned online at approximately 2100 on August 21, but was held at approximately 78% electrical output due to high turbine-generator bearing vibrations. It remained at this output until the end of the month.

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

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

On August 8, at approximately 0000 hours, load was reduced to approximately 68% electrical output to perform a control rod pattern adjustment. The unit returned to full power operation at approximately 2200 hours.

On August 22, at approximately 0100 hours, load was reduced to approximately 76% electrical output to perform a control rod pattern adjustment. The unit returned to full power operation at approximately 1100 hours.

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 August 2004

DOCKET NO. 050-237
DATE September 1, 2004
COMPLETED BY Joseph Reda
TELEPHONE (815) 416-3081

OPERATING STATUS

1. REPORTING PERIOD: August 2004
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	606	5,378	229,854
4. Hours Generator On-Line	561	5,290	221,198
5. Unit Reserve Shutdown – Hours	0	0	4
6. Net Electrical Energy Generated – MWHe	430,710	4,511,339	149,224,600

II. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for August 2004

DOCKET NO. 050-249
DATE September 1, 2004
COMPLETED BY Joseph Reda
TELEPHONE (815) 416-3081

OPERATING STATUS

1. REPORTING PERIOD: August 2004
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,957
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 850 (estimated)
DESIGN ELECTRICAL RATING (MWe Net): 867

Unit 3 Monthly Operating Status			
	This Month	Year to Date	Cumulative
3. Reactor Critical – Hours	744	5,688	217,016
4. Hours Generator On-Line	744	5,632	208,914
5. Unit Reserve Shutdown – Hours	0	0	1
6. Net Electrical Energy Generated – MWHe	644,356	4,836,669	141,163,930

III. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for August 2004

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
3	8/14/04	F	183	A (Repair of crack in main generator)	1	Unit was manually shutdown to repair a crack in a weld of the main generator support rail.

B. Unit 3 Shutdowns for August 2004

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 (Explain)
H. Other (Explain)

(3) Method

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