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Dresden Nuclear Power Station
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January 14, 2005

SVPLTR # 05-0002

U. S. Nuclear Regulatory Commission
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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 December 2004

In accordance with Technical Specifications, Section 5.6.4, "Monthly Operating Reports," we are submitting the December 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. Pedro Salas, 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

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ATTACHMENT

DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3

MONTHLY OPERATING REPORT

FOR DECEMBER 2004

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. SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER - 2004

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 2 began the month of December shutdown to repair a crack in the main generator rotor shaft. In addition, repairs and modifications were made to the reactor pressure vessel (RPV) steam dryer during the outage. The unit returned online at approximately 1100 hours on December 12 and returned to full power at approximately 1500 on December 13.

On December 16 at approximately 0000 hours, load was reduced to approximately 79% electrical output to perform a control rod pattern adjustment following the forced outage. The unit returned to full power operation at approximately 0700.

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

Unit 3 began the month of December shutdown for its scheduled refueling outage. The outage was extended to repair a crack in the main generator rotor shaft. The unit returned online at approximately 1200 hours on December 7, and was then taken offline between approximately 1600 and 1800 for planned turbine testing. The unit returned to full power at approximately 0700 on December 11.

On December 13 at approximately 0700 hours, load was reduced to approximately 93% electrical output as requested by the load dispatcher due to a transmission line trip. The unit returned to full power operation at approximately 1900.

On December 19 at approximately 0100 hours, load was reduced to approximately 63% electrical output to perform a control rod pattern adjustment following the refueling outage. The unit returned to full power operation at approximately 0700 on December 20.

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 2004

DOCKET NO. 050-237
DATE January 3, 2005
COMPLETED BY Joseph Reda
TELEPHONE (815) 416-3081

OPERATING STATUS

1. REPORTING PERIOD: December 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	486	7,259	231,735
4. Hours Generator On-Line	469	7,045	222,953
5. Unit Reserve Shutdown – Hours	0	0	4
6. Net Electrical Energy Generated – MWe	398,507	5,909,318	150,622,579

II. OPERATING DATA STATISTICS

B. Dresden Unit 3 Operating Data Report for December 2004

DOCKET NO. 050-249
DATE January 3, 2005
COMPLETED BY Joseph Reda
TELEPHONE (815) 416-3081

OPERATING STATUS

1. REPORTING PERIOD: December 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	627	7,646	218,974
4. Hours Generator On-Line	586	7,544	210,826
5. Unit Reserve Shutdown – Hours	0	0	1
6. Net Electrical Energy Generated – MWh	462,210	6,436,945	142,764,206

III. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for December 2004

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
6	11/01/04	F	275 (December alone)	B (Repair crack in main generator rotor shaft and RPV steam dryer modifications)	1	Unit was shutdown to repair a crack in the main generator rotor shaft. In addition, repairs and modifications were performed on the RPV steam dryer.

B. Unit 3 Shutdowns for December 2004

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CORRECTIVE ACTIONS/ COMMENTS
4	10/26/04	S	156 (December alone)	C	1	This was a scheduled refueling outage. However, the outage was extended to repair a crack in the main generator rotor shaft.
5	12/07/04	S	2	B	5 (Unit was taken offline but the reactor remained at power)	The unit was taken offline for planned turbine testing.

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