

Commonwealth Edison Company
Dresden Generating Station
6500 North Dresden Road
Morris, IL 60450
Tel 815-942-2920

10 CFR 50.4



November 10, 1999

JMHLTR: #99-0118

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 Data Report for October 1999

In accordance with Technical Specification 6.9.A, we are submitting the October 1999 Monthly 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) 942-2920 extension 3800.

Respectfully,


J. M. Heffley
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 OCTOBER, 1999

COMMONWEALTH EDISON COMPANY

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 is a two reactor generating facility owned and operated by the ComEd Company of Chicago, Illinois. Dresden Station is located at the confluence of the Kankakee and Des Plaines Rivers, in Grundy County, near Morris, Illinois.

Dresden 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 794 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 Dresden Units 2 and 3 was Sargent and Lundy of Chicago, Illinois.

II. SUMMARY OF OPERATING EXPERIENCE FOR OCTOBER 1999

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

On October 1, 1999, Unit 2 entered D2R16 refueling outage and on October 26, 1999 at 0819 the Unit 2 reactor reached criticality. Unit 2 reached full power operation on October 31, 1999 at 0530.

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 October 1999

DOCKET NO. 050-237
DATE November 10, 1999
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: October, 1999
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,527
MAXIMUM DEPENDABLE CAPACITY (MWe NET): 772
DESIGN ELECTRICAL RATING (MWe Net): 794
3. POWER LEVEL TO WHICH RESTRICTED (MWe Net): No Restrictions
4. REASONS FOR RESTRICTIONS (IF ANY): See Section 2.1 of this report.

Unit Two Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	745	7,296	256,152
6. Reactor Critical - Hours	133	6,684	189,305
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	107	6,658	180,933
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWh _t Gross	197,978	16,449,798	384,373,863
11. Electrical Energy Generated - MWh _e Gross	61,268	5,333,241	122,964,977
12. Electrical Energy Generated - MWh _e Net	53,504	5,100,818	116,413,851
13. Reactor Service Factor - Percent	17.9%	91.6%	73.9%
14. Reactor Availability Factor - Percent	17.9%	91.6%	73.9%
15. Generator Service Factor - Percent	14.4%	91.3%	70.6%
16. Generator Availability Factor - Percent	14.4%	91.3%	70.6%
17. Capacity Factor - (Using MDC Net) Percent	9.3%	90.6%	58.9%
18. Capacity Factor - (Using DER Net) Percent	9.0%	88.1%	57.2%
19. Forced Outage Factor - Percent	0%	0.0%	12.0%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for October 1999

DOCKET NO. 050-249
DATE November 10, 1999
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: October 1999
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth): 2,527
MAXIMUM DEPENDABLE CAPACITY (MWe Net): 773
DESIGN ELECTRICAL RATING (MWe Net): 794
3. POWER LEVEL TO WHICH RESTRICTED: No Restrictions
4. REASONS FOR RESTRICTIONS (IF ANY): See Section 2.2 of this report.

Unit Three Monthly Operating Status			
	This Month	Year to Date	Cumulative
5. Hours in Period	745	7,296	245,472
6. Reactor Critical - Hours	745	6,629	176,824
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	745	6,581	169,162
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWh Gross	1,878,259	16,169,672	359,422,097
11. Electrical Energy Generated - MWe Gross	614,010	5,243,036	115,221,839
12. Electrical Energy Generated - MWe Net	590,972	5,037,003	109,378,511
13. Reactor Service Factor - Percent	100.0%	90.9%	73.4%
14. Reactor Availability Factor - Percent	100.0%	90.9%	73.4%
15. Generator Service Factor - Percent	100.0%	90.2%	70.0%
16. Generator Availability Factor - Percent	100.0%	90.2%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	102.8%	89.4%	57.9%
18. Capacity Factor - (Using DER Net) Percent	99.9%	86.9%	56.3%
19. Forced Outage Factor - Percent	0%	1.1%	12.4%

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for October 1999

NO	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR(3)	CORRECTIVE ACTIONS/ COMMENTS
1.	10/1/99	S	612	C	2 Planned Manual Scram	

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

IV. UNIT 3 SHUTDOWNS

B. Unit 3 Shutdowns for October 1999

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

Amendments to Facility License or Technical Specifications

Amendments 175 to DPR-19 (Unit 2) and 171 to DPR-26 (Unit 3) which replaced the 11.5 standard cubic feet per hour (scfh) leakage limit for each Main Steam Isolation Valve with a 46 scfh total combined leakage rate for the MSIVs of all four main steam lines were implemented on October 1, 1999.

Amendments 174 to DPR-19 (Unit 2) and 170 to DPR-26 (Unit 3) which clarified the number of Containment Cooling Service Water (CCSW) Pumps required to support the Control Room Emergency Ventilation System (CREVS) were implemented on October 1, 1999.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 - None