

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



September 10, 1999

PSLTR: #99-0067

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 August 1999

In accordance with Technical Specification 6.9.A, we are submitting the August 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,

Preston Swafford
Station Manager
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 AUGUST, 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 AUGUST 1999

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 2 operated throughout the period at full power except for short periods for maintenance, surveillances and derates.

B. UNIT 3 MONTHLY OPERATING EXPERIENCE SUMMARY

Unit 3 operated throughout the period at full power except for short periods for maintenance, surveillances and derates.

III. OPERATING DATA STATISTICS

A. Dresden Unit 2 Operating Data Report for August 1999

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

OPERATING STATUS

1. REPORTING PERIOD: August, 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	744	5,831	254,687
6. Reactor Critical - Hours	744	5,831	188,452
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	5,831	180,106
9. Unit Reserve Shutdown - Hours	0	0	4
10. Thermal Energy Generated - MWhGross	1,868,374	14,457,756	382,381,821
11. Electrical Energy Generated - MWEHe Gross	601,001	4,690,883	122,322,619
12. Electrical Energy Generated - MWEHe Net	574,351	4,491,906	115,804,939
13. Reactor Service Factor - Percent	100.0%	100.0%	74.0%
14. Reactor Availability Factor - Percent	100.0%	100.0%	74.0%
15. Generator Service Factor - Percent	100.0%	100.0%	70.7%
16. Generator Availability Factor - Percent	100.0%	100.0%	70.7%
17. Capacity Factor - (Using MDC Net) Percent	100.0%	99.8%	58.9%
18. Capacity Factor - (Using DER Net) Percent	97.2%	97.0%	57.3%
19. Forced Outage Factor - Percent	0%	0.0%	12.1%

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for August 1999

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

OPERATING STATUS

1. REPORTING PERIOD: August 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	744	5,831	244,007
6. Reactor Critical - Hours	744	5,164	175,359
7. Reactor Reserve Shutdown - Hours	0	0	0
8. Hours Generator On-Line	744	5,116	167,697
9. Unit Reserve Shutdown - Hours	0	0	1
10. Thermal Energy Generated - MWh Gross	1,852,433	12,480,090	355,732,515
11. Electrical Energy Generated - MWEHe Gross	597,043	4,042,353	114,021,156
12. Electrical Energy Generated - MWEHe Net	573,552	3,882,561	108,224,069
13. Reactor Service Factor - Percent	100.0%	88.6%	73.4%
14. Reactor Availability Factor - Percent	100.0%	88.6%	73.4%
15. Generator Service Factor - Percent	100.0%	87.7%	70.0%
16. Generator Availability Factor - Percent	100.0%	87.7%	70.0%
17. Capacity Factor - (Using MDC Net) Percent	99.9%	86.2%	57.9%
18. Capacity Factor - (Using DER Net) Percent	97.1%	83.9%	56.3%
19. Forced Outage Factor - Percent	0%	1.3%	12.4%

IV. UNIT 2 SHUTDOWNS

A. Unit 2 Shutdowns for August 1999

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

Year-To-Date Forced Outage Hours = 0

Cumulative Forced Outage Hours = 24,691

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

V. UNIT 3 SHUTDOWNS

B. Unit 3 Shutdowns for August 1999

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

Year-To-Date Forced Outage Hours = 70

Cumulative Forced Outage Hours = 26,282

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

VI. UNIQUE REPORTING REQUIREMENTS

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 - None

B. Amendments to Facility License or Technical Specifications

Implemented Target Rock Amendment 168