

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



October 12, 1999

JMHLTR: #99-0111

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

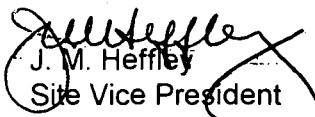
Dresden Nuclear Power Station Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
Docket Nos. 50-237 and 50-249

Subject: Monthly Operating Data Report for September 1999

In accordance with Technical Specification 6.9.A, we are submitting the September 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 SEPTEMBER, 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 SEPTEMBER 1999

A. UNIT 2 MONTHLY OPERATING EXPERIENCE SUMMARY

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

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 September 1999

DOCKET NO. 050-237
 DATE October 12, 1999
 COMPLETED BY Sherry Butterfield
 TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: September, 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 | 720 | 6,551 | 255,407 |
| 6. Reactor Critical - Hours | 720 | 6,551 | 189,172 |
| 7. Reactor Reserve Shutdown - Hours | 0 | 0 | 0 |
| 8. Hours Generator On-Line | 720 | 6,551 | 180,826 |
| 9. Unit Reserve Shutdown - Hours | 0 | 0 | 4 |
| 10. Thermal Energy Generated - MWh Gross | 1,794,064 | 16,251,820 | 384,175,885 |
| 11. Electrical Energy Generated - MWEHe Gross | 581,090 | 5,271,973 | 122,903,709 |
| 12. Electrical Energy Generated - MWEHe Net | 555,408 | 5,047,314 | 116,360,347 |
| 13. Reactor Service Factor - Percent | 100.0% | 100.0% | 74.1% |
| 14. Reactor Availability Factor - Percent | 100.0% | 100.0% | 74.1% |
| 15. Generator Service Factor - Percent | 100.0% | 100.0% | 70.8% |
| 16. Generator Availability Factor - Percent | 100.0% | 100.0% | 70.8% |
| 17. Capacity Factor - (Using MDC Net) Percent | 99.9% | 99.8% | 59.0% |
| 18. Capacity Factor - (Using DER Net) Percent | 97.2% | 97.0% | 57.4% |
| 19. Forced Outage Factor - Percent | 0% | 0.0% | 12.0% |

III. OPERATING DATA REPORT

B. Dresden Unit Three Operating Data Report for September 1999

DOCKET NO. 050-249
DATE October 12, 1999
COMPLETED BY Sherry Butterfield
TELEPHONE (815) 942-2920

OPERATING STATUS

1. REPORTING PERIOD: September 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 | 720 | 6,551 | 244,727 |
| 6. Reactor Critical - Hours | 720 | 5,884 | 176,079 |
| 7. Reactor Reserve Shutdown - Hours | 0 | 0 | 0 |
| 8. Hours Generator On-Line | 720 | 5,836 | 168,417 |
| 9. Unit Reserve Shutdown - Hours | 0 | 0 | 1 |
| 10. Thermal Energy Generated - MWh Gross | 1,811,323 | 14,291,413 | 357,543,838 |
| 11. Electrical Energy Generated - MWEHe Gross | 586,673 | 4,629,026 | 114,607,829 |
| 12. Electrical Energy Generated - MWEHe Net | 563,470 | 4,446,031 | 108,787,539 |
| 13. Reactor Service Factor - Percent | 100.0% | 89.8% | 73.4% |
| 14. Reactor Availability Factor - Percent | 100.0% | 89.8% | 73.4% |
| 15. Generator Service Factor - Percent | 100.0% | 89.1% | 70.0% |
| 16. Generator Availability Factor - Percent | 100.0% | 89.1% | 70.0% |
| 17. Capacity Factor - (Using MDC Net) Percent | 101.4% | 87.9% | 57.9% |
| 18. Capacity Factor - (Using DER Net) Percent | 98.6% | 85.5% | 56.3% |
| 19. Forced Outage Factor - Percent | 0% | 1.2% | 12.4% |

IV. UNIT SHUTDOWNS

A. Unit 2 Shutdowns for September 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

IV. UNIT 3 SHUTDOWNS

B. Unit 3 Shutdowns for September 1999

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

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

V. Amendments to Facility License or Technical Specifications

On September 30, 1999, the amendment to relocate Chemistry provisions of Technical Specifications 3/4.6.1 for Chemistry Limits to the Updated Final Safety Analysis Report (UFSAR) and station procedures was implemented.

VI. Unique Reporting Requirements

A. Main Steam Relief and/or Safety Valve Operations

Unit 2 - None

Unit 3 - None