



Commonwealth Edison
Braidwood Nuclear Power Station
Route #1, Box 84
Braceville, Illinois 60407
Telephone 815/458-2801

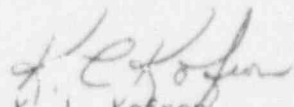
November 10, 1992
BW/92-0569

Director, Office of Resource Management
United States Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the Monthly Performance Report covering Braidwood Nuclear Power Station for the period October 1 through October 31, 1992.


K. L. Kofron
Station Manager
Braidwood Nuclear Station

KLK/JL/dla
(664/ZD85G)

Attachments

cc: A. B. Davis, NRC, Region III
NRC Resident Inspector Braidwood
Ill. Dept. of Nuclear Safety
M. J. Wallace
E. D. Eenigenburg
T. J. Kovach
Nuclear Fuel Services, PWR Plant Support
INPO Records Center
Performance Monitoring Group, Tech Staff Braidwood Station
Nuclear Group, Tech Staff Braidwood Station
R. Elliott - USNRC
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BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-456, LICENSE NO. NPF-72

NRC DOCKET NO. 050-457, LICENSE NO. NPF-77

I. Monthly Report for Braidwood Unit 1

A. Summary of Operating Experience

Braidwood Unit 1 remained shutdown the entire month of October, 1992, as it continued its third refueling outage.

B. OPERATING DATA REPORT

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 11/10/92
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
ext. 2486

OPERATING STATUS

1. Reporting Period: October 1992 Gross Hours: 745
 2. Currently Authorized Power Level (MWt): 3411
Design Electrical Rating (MWe-gross): 1175
Design Electrical Rating (MWe-net): 1120
Max Dependable Capacity (MWe-gross): 1175
Max Dependable Capacity (MWe-net): 1120
 3. Power level to which restricted (If Any): None
 4. Reasons for restriction (If Any): None
- | | <u>THIS MONTH</u> | <u>YR TO DATE</u> | <u>CUMULATIVE</u> |
|--|-------------------|-------------------|-------------------|
|--|-------------------|-------------------|-------------------|
21. Shutdowns Scheduled Over
Next 6 Months: N/A
 22. If Shutdown at end of Reporting Period,
Estimated Date of Startup: 11/3/92

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 11/10/92
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
ext. 2486

MONTH: October, 1992

| | | | |
|-----|-----|-----|-----|
| 1. | -13 | 17. | -13 |
| 2. | -13 | 18. | -13 |
| 3. | -13 | 19. | -14 |
| 4. | -13 | 20. | -14 |
| 5. | -13 | 21. | -14 |
| 6. | -13 | 22. | -14 |
| 7. | -13 | 23. | -14 |
| 8. | -13 | 24. | -13 |
| 9. | -13 | 25. | -14 |
| 10. | -13 | 26. | -15 |
| 11. | -13 | 27. | -15 |
| 12. | -13 | 28. | -15 |
| 13. | -13 | 29. | -15 |
| 14. | -13 | 30. | -15 |
| 15. | -13 | 31. | -15 |
| 16. | -13 | | |

INSTRUCTIONS

On this form list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

D. UNIT SHUTDOWNS/REDUCTIONS

DOCKET NO.: 50-456
 UNIT: Braidwood 1
 DATE: 11/10/92
 COMPILED BY: P. Stanczak
 TELEPHONE: (815)458-2801
 ext. 2486

REPORT PERIOD: October 1992

| <u>No</u> | <u>DATE</u> | <u>TYPE</u> | <u>HOURS</u> | <u>REASON</u> | <u>METHOD</u> | <u>LER NUMBER</u> | <u>SYSTEM</u> | <u>COMPONENT</u> | <u>CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE</u> |
|-----------|-------------|-------------|--------------|---------------|---------------|-------------------|---------------|------------------|------------------------------------------------------------|
|-----------|-------------|-------------|--------------|---------------|---------------|-------------------|---------------|------------------|------------------------------------------------------------|

 * SUMMARY *

| <u>TYPE</u> | <u>REASON</u> | <u>METHOD</u> | <u>SYSTEM & COMPONENT</u> |
|-------------|-------------------------------------------|------------------|---------------------------------|
| F-Forced | A-Equipment Failure Maint or Test | 1 - Method | Exhibit F & H |
| S-Scheduled | B-Maint or Test | 2 - Manual Scram | Instructions for Preparation of |
| | C-Refueling | 3 - Auto Scram | Data Entry Sheet |
| | D-Regulatory Restriction | 4 - Continued | Licensee Event Report |
| | E-Operator Training & License Examination | 5 - Reduced Load | (LER) File (NUREG-0161) |
| | F-Administration | 9 - Other | |
| | G-Oper Error | | |
| | H-Other | | |

E. UNIQUE REPORTING REQUIREMENTS - UNIT 1

1. Safety/Relief valve operations.

| <u>DATE</u> | <u>VALVES ACTUATED</u> | <u>NO & TYPE ACTUATION</u> | <u>PLANT CONDITION</u> | <u>DESCRIPTION OF EVENT</u> |
|-------------|----------------------------|------------------------------------|----------------------------|---------------------------------|
|-------------|----------------------------|------------------------------------|----------------------------|---------------------------------|

None

2. Licensee generated changes to ODCM.

None

F. LICENSEE EVENT REPORTS - UNIT 1

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, October 1 through October 31, 1992. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

| <u>Licensee Event Report Number</u> | <u>Report Date</u> | <u>Title of Occurrence</u> |
|-----------------------------------------|------------------------|--------------------------------------------------------------------------|
| 92-009-01 | 10/30/92 | Untested Undervoltage Relay Contacts Due to Procedural Deficiency. |

II. Monthly Report for Braidwood Unit 2

A. Summary of Operating Experience

Braidwood Unit 2 entered the month of October, 1992 at approximately 100% reactor power. The unit operated routinely through the end of the month.

B.. OPERATING DATA REPORT

DOCKET NO.: 50-457
UNIT: Braidwood 2
DATE: 11/10/92
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
ext. 2486

OPERATING STATUS

1. Reporting Period: October, 1992 Gross Hours: 745

2. Currently Authorized Power Level (MWt): 3411
Design Electrical Rating (MWe-gross): 1175
Design Electrical Rating (MWe-net): 1120
Max Dependable Capacity (MWe-gross): 1175
Max Dependable Capacity (MWe-net): 1120

3. Power level to which restricted (If Any): None

4. Reasons for restriction (If Any): None

| | THIS MONTH | YR TO D' | CUMULATIVE |
|-------------------------------------|------------|------------|------------|
| 5. Report Period Hours: | 745.0 | 7320.0 | 35411.0 |
| 6. Hours Reactor Critical: | 745.0 | 6958.9 | 29725.5 |
| 7. RX Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 8. Hours Generator on Line: | 745.0 | 6916.8 | 29456.8 |
| 9. Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 10. Gross Thermal Energy (MWHt): | 2465600.0 | 22026760.0 | 87382311.0 |
| 11. Gross Elec. Energy (MWH): | 846489.0 | 7526611.0 | 29884051.0 |
| 12. Net Elect. Energy (MWH): | 817208.0 | 7240899.0 | 28603794.0 |
| 13. Reactor Service Factor: | 100.0 | 95.1 | 83.9 |
| 14. Reactor Availability Factor: | 100.0 | 95.1 | 83.9 |
| 15. Unit Service Factor: | 100.0 | 94.5 | 83.2 |
| 16. Unit Availability Factor: | 100.0 | 94.5 | 83.2 |
| 17. Unit Capacity Factor (MDC NET): | 97.9 | 88.3 | 72.1 |
| 18. Unit Capacity Factor (DER NET): | 97.9 | 88.3 | 72.1 |
| 19. Unit Forced Outage Rate: | 0.0 | 3.0 | 3.8 |
| 20. Unit Forced Outage Hours: | 0.0 | 216.5 | 1164.3 |

21. Shutdowns Scheduled Over

Next 6 Months:

3rd Refueling Outage, March 1993

22. If Shutdown at end of Reporting Period,

Estimated Date of Startup: N/A

C. . AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-457

UNIT: Braidwood 2

DATE: 11/10/92

COMPILED BY: P. Stanczak

TELEPHONE: (815)458-2801
ext. 2486

MONTH: October, 1992

| | | | |
|-----------|-------------|-----------|-------------|
| 1. _____ | *1123 _____ | 17. _____ | *1134 _____ |
| 2. _____ | *1121 _____ | 18. _____ | *1130 _____ |
| 3. _____ | 1033 _____ | 19. _____ | *1128 _____ |
| 4. _____ | 1020 _____ | 20. _____ | *1123 _____ |
| 5. _____ | 1075 _____ | 21. _____ | *1122 _____ |
| 6. _____ | 1118 _____ | 22. _____ | *1123 _____ |
| 7. _____ | 1119 _____ | 23. _____ | *1121 _____ |
| 8. _____ | 1079 _____ | 24. _____ | 1118 _____ |
| 9. _____ | *1128 _____ | 25. _____ | 1063 _____ |
| 10. _____ | 1116 _____ | 26. _____ | 1052 _____ |
| 11. _____ | 1011 _____ | 27. _____ | 1093 _____ |
| 12. _____ | 1057 _____ | 28. _____ | 1092 _____ |
| 13. _____ | 1079 _____ | 29. _____ | 1100 _____ |
| 14. _____ | 1101 _____ | 30. _____ | 1102 _____ |
| 15. _____ | *1121 _____ | 31. _____ | 1092 _____ |
| 16. _____ | 1091 _____ | | |

INSTRUCTIONS

On this form list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

*Due to condenser efficiency.

D. UNIT SHUTDOWNS/REDUCTIONS

DOCKET NO.: 50-457
 UNIT: Braidwood 2
 DATE: 11/10/92
 COMPILED BY: P. Stanczak
 TELEPHONE: (815)458-2801
 ext. 2486

REPORT PERIOD: October 1992

| No | DATE | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE |
|----|------|------|-------|--------|--------|------------|--------|-----------|-------------------------------------------------|
|----|------|------|-------|--------|--------|------------|--------|-----------|-------------------------------------------------|

 * SUMMARY *

| TYPE | REASON | METHOD | SYSTEM & COMPONENT |
|-------------|-------------------------------------------|------------------|---------------------------------|
| F-Forced | A-Equipment Failure Maint or Test | 1 - Method | Exhibit F & H |
| S-Scheduled | B-Maint or Test | 2 - Manual Scram | Instructions for Preparation of |
| | C-Refueling | 3 - Auto Scram | Data Entry Sheet |
| | D-Regulatory Restriction | 4 - Continued | Licensee Event Report |
| | E-Operator Training & License Examination | 5 - Reduced Load | (LER) File (NUREG-0161) |
| | F-Administration | 9 - Other | |
| | G-Oper Error | | |
| | H-Other | | |

E. UNIQUE REPORTING REQUIREMENTS - UNIT 2

1. Safety/Relief valve operations.

| <u>DATE</u> | <u>VALVES ACTUATED</u> | <u>NO & TYPE ACTUATION</u> | <u>PLANT CONDITION</u> | <u>DESCRIPTION OF EVENT</u> |
|-------------|----------------------------|------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 921026 | 2RY455 | Pzr PORV | Mode 1 RCS Temp 580°F RCS Pres 2235 psig | During an analog operational test and channel verification/calibration surveillance. A spurious signal into Pressurizer Channel 455 caused the PORV and both pressurizer spray valves to open. The PORV and spray valves were manually closed by the Unit NSO. No other safety systems were actuated. |

2. Licensee generated changes to ODCM.

None

F. LICENSEE EVENT REPORTS - UNIT 2

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, October 1 through October 31, 1992. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

| <u>Licensee Event Report Number</u> | <u>Report Date</u> | <u>Title of Occurrence</u> |
|-----------------------------------------|------------------------|---------------------------------------------|
| 92-006 | 10/09/92 | Reactor Trip Due to Valve Mispositioning |