



Commonwealth Edison

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

November 5, 1994

BW/94-0165

Director
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Dear Sir:

Enclosed for your information is the Monthly Performance Report covering Braidwood Nuclear Generating Station for the period October 1 through October 31, 1994.

K. L. Kofron
Station Manager
Braidwood Nuclear Station

KLK/CEP/dla

Attachments

cc: J. B. Martin, U.S.N.R.C., Region III
R. R. Assa, U.S.N.R.C.
I.D.N.S.
U.S.N.R.C. Resident Inspector, Braidwood
INPO Records Center
D. L. Farrar, Nuclear Regional Service Mgr.
D. M. Saccomando, Nuclear Licensing Admin.
D. R. Eggett, Nuclear Engineering Dept.
K. L. Kaup, Site Vice President, Braidwood
NFS, PWR Plant Support
P. L. Habel, Unit 1 Operating Engineer
J. P. Kuchenbecker, Unit 2 Operating Engineer
Nuclear Group, Systems Engineering, Bwd
I.D.N.S. Resident Inspector, Braidwood
J. M. Bunecicky, Westinghouse
D. R. Seavers, A.N.I.

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BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

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

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

A. OPERATING DATA REPORT

Docket No: 50 - 456

Unit: Braidwood 1

Date: 11/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: October 1994 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 restrictions (If Any): None

| | <u>This Mo.</u> | <u>Yr to Date</u> | <u>Cumulative</u> |
|-------------------------------------|-----------------|-------------------|-------------------|
| 5) Report Period Hours: | 745.0 | 7,296.0 | 54,849.0 |
| 6) Hours Reactor Critical: | 745.0 | 5,536.6 | 43,134.8 |
| 7) RX Reserve Shutdown Hours: | .0 | .0 | .0 |
| 8) Hours Generator on Line: | 745.0 | 5,476.8 | 42,501.8 |
| 9) Unit Reserve Shutdown Hours: | .0 | .0 | .0 |
| 10) Gross Thermal Energy (MWh): | 2,491,960.6 | 17,520,396.8 | 132,952,884.4 |
| 11) Gross Elect. Energy (MWh): | 874,361.0 | 6,050,077.0 | 44,864,664.0 |
| 12) Net Elect. Energy (MWh): | 847,537.0 | 5,809,846.0 | 42,952,663.0 |
| 13) Reactor Service Factor: | 100.0 | 75.9 | 78.6 |
| 14) Reactor Availability Factor: | 100.0 | 75.9 | 78.6 |
| 15) Unit Service Factor: | 100.0 | 75.1 | 77.5 |
| 16) Unit Availability Factor: | 100.0 | 75.1 | 77.5 |
| 17) Unit Capacity Factor (MDC NET): | 101.6 | 71.1 | 69.9 |
| 18) Unit Capacity Factor (DER NET): | 101.6 | 71.1 | 69.9 |
| 19) Unit Forced Outage Rate: | 0.0 | 2.2 | 8.7 |
| 20) Unit Forced Outage Hours: | 0.0 | 125.4 | 4030.5 |

21) Shutdown Schedule Over Next 6 Months: 2/25/95

22) If Shutdown at End of Reporting Period,
 Estimated Date of Startup:

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 11/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: October 1994

| <u>Day</u> | <u>MWe-net</u> | <u>Day</u> | <u>MWe-net</u> |
|------------|----------------|------------|----------------|
| 1) | 1131 * | 16) | 1090 |
| 2) | 1108 | 17) | 1148 * |
| 3) | 1134 * | 18) | 1148 * |
| 4) | 1137 * | 19) | 1149 * |
| 5) | 1134 * | 20) | 1149 * |
| 6) | 1136 * | 21) | 1149 * |
| 7) | 1140 * | 22) | 1148 * |
| 8) | 1126 * | 23) | 1151 * |
| 9) | 1145 * | 24) | 1154 * |
| 10) | 1143 * | 25) | 1151 * |
| 11) | 1143 * | 26) | 1131 * |
| 12) | 1145 * | 27) | 1032 * |
| 13) | 1147 * | 28) | 1150 * |
| 14) | 1149 * | 29) | 1154 * |
| 15) | 1125 * | 30) | 1154 * |
| | | 31) | 1151 * |

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 11/10/1994
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: October 1994

| <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> |
|------------|-------------|-------------|--------------|---------------|---------------|-----------------------|---------------|------------------|--|
| None | | | | | | | | | |

*** SUMMARY *** Unit 1 entered the month of October 1994 with 100% capability and operated routinely the entire month.

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

D. SAFETY/RELIEF VALVE OPERATIONS

Docket No.: 50 - 456
Unit: Braidwood 1
Date: 11/11/1994
Completed by: Craig Ingold
Telephone: 815-458-2801

| <u>Date</u> | <u>Valves Actuated</u> | <u>No. & Type Actuation</u> | <u>Plant Condition</u> | <u>Description of Event</u> |
|-------------|----------------------------|-------------------------------------|----------------------------|-----------------------------|
| None | | | | |

A. OPERATING DATA REPORT

Docket No: 50 - 457

Unit: Braidwood 2

Date: 11/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: October 1994 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 restrictions (If Any): None

| | <u>This Mo.</u> | <u>Yr to Date</u> | <u>Cumulative</u> |
|-------------------------------------|-----------------|-------------------|-------------------|
| 5) Report Period Hours: | 745.0 | 7,296.0 | 52,931.0 |
| 6) Hours Reactor Critical: | 169.3 | 5,410.0 | 43,724.1 |
| 7) RX Reserve Shutdown Hours: | .0 | .0 | .0 |
| 8) Hours Generator on Line: | 169.0 | 5,394.7 | 43,381.0 |
| 9) Unit Reserve Shutdown Hours: | .0 | .0 | .0 |
| 10) Gross Thermal Energy (MWh): | 513,829.6 | 16,773,353.6 | 131,775,380.2 |
| 11) Gross Elect. Energy (MWh): | 178,024.0 | 5,782,325.0 | 44,896,148.0 |
| 12) Net Elect. Energy (MWh): | 163,556.0 | 5,559,684.0 | 43,026,267.0 |
| 13) Reactor Service Factor: | 22.7 | 74.2 | 82.6 |
| 14) Reactor Availability Factor: | 22.7 | 74.2 | 82.6 |
| 15) Unit Service Factor: | 22.7 | 73.9 | 82.0 |
| 16) Unit Availability Factor: | 22.7 | 73.9 | 82.0 |
| 17) Unit Capacity Factor (MDC NET): | 19.6 | 68.0 | 72.6 |
| 18) Unit Capacity Factor (DER NET): | 19.6 | 68.0 | 72.6 |
| 19) Unit Forced Outage Rate: | 0.0 | 19.7 | 6.0 |
| 20) Unit Forced Outage Hours: | 0.0 | 1325.3 | 2771.3 |

21) Shutdown Schedule Over Next 6 Months:

22) If Shutdown at end of Reporting Period, 11/22/94
 Estimated Date of Startup:

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 457

Unit: Braidwood 2

Date: 11/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: October 1994

| <u>Day</u> | <u>MWe-net</u> | <u>Day</u> | <u>MWe-net</u> |
|------------|----------------|------------|----------------|
| 1) | 1073 | 16) | -13 |
| 2) | 1066 | 17) | -13 |
| 3) | 1055 | 18) | -13 |
| 4) | 1028 | 19) | -13 |
| 5) | 1012 | 20) | -13 |
| 6) | 1014 | 21) | -13 |
| 7) | 877 | 22) | -13 |
| 8) | -10 | 23) | -13 |
| 9) | -13 | 24) | -13 |
| 10) | -14 | 25) | -13 |
| 11) | -13 | 26) | -13 |
| 12) | -13 | 27) | -13 |
| 13) | -13 | 28) | -13 |
| 14) | -13 | 29) | -13 |
| 15) | -13 | 30) | -12 |
| | | 31) | -13 |

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
Unit: Braidwood 2
Date: 11/10/1994
Completed by: Chris Pershey
Telephone: 815-458-2801

REPORT PERIOD: October 1994

| <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> |
|------------|-------------|-------------|--------------|---------------|---------------|-----------------------|---------------|------------------|--|
| 20 | 941007 | S | 575.7 | C | 1 | | | REFUEL OUTAGE | |

*** SUMMARY *** Unit 2 entered the month of October 1994 in coastdown with 94.9% capability. Refuel outage number four started 10/08/94 and continued through the end of the month.

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

D. SAFETY RELIEF VALVE OPERATIONS

Docket No.: 50 - 457
Unit: Braidwood 2
Date: 11/10/1994
Completed by: Craig Ingold
Telephone: 815-458-2801

| <u>Date</u> | <u>Valves Actuated</u> | <u>No. & Type Actuation</u> | <u>Plant Condition</u> | <u>Description of Event</u> |
|-------------|----------------------------|-------------------------------------|----------------------------|-----------------------------|
| None | | | | |