



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

January 5, 1995  
BW/94-0188

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 December 1 through December 31, 1994.

*David J. Mue...*  
K. L. Kofron  
Station Manager  
Braidwood Nuclear Station

CP:PS/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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PDR ADOCK 05000456  
R PDR

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**BRAIDWOOD NUCLEAR POWER STATION**

**UNIT 1 AND UNIT 2**

**MONTHLY PERFORMANCE REPORT**

**Com Ed**

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: 01/10/1995  
 Completed by: Paul Stanczak  
 Telephone: 815-458-2801

**OPERATING STATUS**

- 1) Reporting Period: December 1994      Gross Hours: 744
- 2) Currently Authorized Power Level (MW):      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:	744.0	8,760.0	56,313.0
6) Hours Reactor Critical:	744.0	7,000.6	44,598.8
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	744.0	6,940.8	43,965.8
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWH):	2,312,753.5	22,186,017.2	137,439,297.7
11) Gross Elect. Energy (MWH):	809,844.0	7,689,235.0	46,503,822.0
12) Net Elect. Energy (MWH):	780,534.0	7,390,003.0	44,532,820.0
13) Reactor Service Factor:	100.0	79.9	79.2
14) Reactor Availability Factor:	100.0	79.9	79.2
15) Unit Service Factor:	100.0	79.2	78.1
16) Unit Availability Factor:	100.0	79.2	78.1
17) Unit Capacity Factor (MDC NET):	93.7	75.3	70.6
18) Unit Capacity Factor (DER NET):	93.7	75.3	70.6
19) Unit Forced Outage Rate:	0.0	1.8	8.4
20) Unit Forced Outage Hours:	0.0	125.4	4030.5

21) Shutdown Schedule Over Next 6 Months:      2/19/95

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: 01/10/1995  
Completed by: Paul Stanczak  
Telephone: 815-458-2801

MONTH: December 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1146 *	16)	1140 *
2)	1122 *	17)	1145 *
3)	328	18)	1145 *
4)	287	19)	1144 *
5)	810	20)	1141 *
6)	1143 *	21)	1146 *
7)	1144 *	22)	1145 *
8)	1145 *	23)	1145 *
9)	1149 *	24)	1076
10)	1034	25)	852
11)	1034	26)	1029
12)	1148 *	27)	1132 *
13)	1149 *	28)	1040 *
14)	1147 *	29)	1140 *
15)	1146 *	30)	1140 *
		31)	1015

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 01/10/1995  
 Completed by: Paul Stanczak  
 Telephone: 815-458-2801

REPORT PERIOD: December 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 &amp; Corrective Action to Prevent Recurrence</u>
21	941203	S	0.0	H	5	N/A	FW	N/A	FW Isolation valve oil change
22	941225	S	0.0	B	5	N/A	N/A	N/A	Reduced load at the request of the Power Dispatcher to follow system requirements

\*\*\* SUMMARY \*\*\* Unit 1 entered the month of Decemberr 1994 with 100% capability. Load was reduced during the month for maintenance and load dispatcher requirements. The unit operated routinely the remainder of the month.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM &amp; 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: 01/10/1995  
Completed by: Craig Ingold  
Telephone: 815-458-2801

<u>Date</u>	<u>Valves Actuated</u>	<u>No. &amp; 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: 01/10/1995

Completed by: Paul Stanczak

Telephone: 815-458-2801

**OPERATING STATUS**

1) Reporting Period: December 1994      Gross Hours: 744

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:	744.0	8,760.0	54,395.0
6) Hours Reactor Critical:	744.0	6,518.3	44,832.4
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	744.0	6,456.0	44,442.3
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWh):	2,497,819.0	20,040,146.7	137,026,162.7
11) Gross Elect. Energy (MWh):	863,554.0	6,905,966.0	46,019,789.0
12) Net Elect. Energy (MWh):	833,881.0	6,636,147.0	44,102,730.0
13) Reactor Service Factor:	100.0	74.4	82.4
14) Reactor Availability Factor:	100.0	74.4	82.4
15) Unit Service Factor:	100.0	73.7	81.7
16) Unit Availability Factor:	100.0	73.7	81.7
17) Unit Capacity Factor (MDC NET):	100.1	67.6	72.4
18) Unit Capacity Factor (DER NET):	100.1	67.6	72.4
19) Unit Forced Outage Rate:	0.0	17.0	5.9
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,  
 Estimated Date of Startup:

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 457  
Unit: Braidwood 2  
Date: 01/10/1995  
Completed by: Paul Stanczak  
Telephone: 815-458-2801

MONTH: December 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1118	16)	1133 *
2)	1125 *	17)	1133 *
3)	1129 *	18)	1044 *
4)	1128 *	19)	1131 *
5)	1132 *	20)	1129 *
6)	1136 *	21)	1133 *
7)	1136 *	22)	1132 *
8)	1137 *	23)	1131 *
9)	1135 *	24)	1130 *
10)	1134 *	25)	1109
11)	1134 *	26)	1124 *
12)	1135 *	27)	1131 *
13)	1133 *	28)	1131 *
14)	1134 *	29)	1129 *
15)	1132 *	30)	969
		31)	1064

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2  
 Date: 01/10/1995  
 Completed by: Paul Stanczak  
 Telephone: 815-458-2801

REPORT PERIOD: December 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 &amp; Corrective Action to Prevent Recurrence</u>
None									

\*\*\* SUMMARY \*\*\* Unit 2 entered the month of December 1994 with 100% capability. The unit operated routinely for the entire month.

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<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM &amp; 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 - 457  
Unit: Braidwood 2  
Date: 01/10/1995  
Completed by: Craig Ingold  
Telephone: 815-458-2801

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