



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

August 9, 1994  
BW/94-0135

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 July 1 through July 31, 1994.

*David J. Muller for*

K. L. Kofron  
Station Manager  
Braidwood 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

**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: 8/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

## OPERATING STATUS

1) Reporting Period: July 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	5,087.0	52,640.0
6) Hours Reactor Critical:	744.0	3,440.3	41,038.5
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	744.0	3,393.2	40,418.2
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWHt):	2,508,352.2	10,835,484.9	126,284,364.1
11) Gross Elect. Energy (MWH):	857,216.0	3,734,496.0	42,549,083.0
12) Net Elect. Energy (MWH):	825,976.0	3,578,767.0	40,721,584.0
13) Reactor Service Factor:	100.0	67.6	78.0
14) Reactor Availability Factor:	100.0	67.6	78.0
15) Unit Service Factor:	100.0	66.7	76.8
16) Unit Availability Factor:	100.0	66.7	76.8
17) Unit Capacity Factor (MDC NET):	99.1	62.8	69.1
18) Unit Capacity Factor (DER NET):	99.1	62.8	69.1
19) Unit Forced Outage Rate:	0.0	0.0	8.8
20) Unit Forced Outage Hours:	0.0	0.0	3905.1

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 - 456

Unit: Braidwood 1

Date: 8/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: July 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1102	16)	1101
2)	1121 *	17)	1100
3)	1114	18)	1113
4)	1123 *	19)	1115
5)	1121 *	20)	1115
6)	1119	21)	1118
7)	1119	22)	1117
8)	1120	23)	1112
9)	1124 *	24)	1099
10)	1045	25)	1119
11)	1097	26)	1109
12)	1115	27)	1101
13)	1118	28)	1066
14)	1117	29)	1121 *
15)	1103	30)	1116
		31)	1123 *

\* Due to condenser efficiency

# C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 8/10/1994  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: July 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									

Unit 1 entered the month of June 1994 at 100% capable. The unit operated routinely through the end 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: 8/10/1994

Completed by: Kevin Knight

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: 8/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

## OPERATING STATUS

1) Reporting Period: July 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	5,087.0	50,722.0
6) Hours Reactor Critical:	744.0	3,808.6	42,122.7
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	744.0	3,797.9	41,784.2
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWh):	2,507,248.7	11,573,587.8	128,569,033.5
11) Gross Elect. Energy (MWh):	851,880.0	3,970,593.0	43,084,416.0
12) Net Elect. Energy (MWh):	821,011.0	3,823,514.0	41,290,097.0
13) Reactor Service Factor:	100.0	74.9	83.0
14) Reactor Availability Factor:	100.0	74.9	83.0
15) Unit Service Factor:	100.0	74.7	82.4
16) Unit Availability Factor:	100.0	74.7	82.4
17) Unit Capacity Factor (MDC NET):	98.5	67.1	72.7
18) Unit Capacity Factor (DER NET):	98.5	67.1	72.7
19) Unit Forced Outage Rate:	0.0	25.3	6.1
20) Unit Forced Outage Hours:	0.0	1289.1	2735.1

21) Shutdown Schedule Over Next 6 Months: 9/1/94

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: 8/10/1994

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: July 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1092	16)	1111
2)	1028	17)	1105
3)	1115	18)	1082
4)	1110	19)	1109
5)	1108	20)	1112
6)	1109	21)	1109
7)	1112	22)	1100
8)	1112	23)	1113
9)	1116	24)	1107
10)	1121 *	25)	1106
11)	1119	26)	1108
12)	1115	27)	1111
13)	1114	28)	1113
14)	1113	29)	1115
15)	1113	30)	1110
		31)	1032

\* Due to condenser efficiency



C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2.  
 Date: 8/10/1994  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: July 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									

Unit 2 entered the month of June 1994 at 100% capable. The unit operated routinely through the end 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 - 457

Unit: Braidwood 2

Date: 8/10/1994

Completed by: Kevin Knight

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				