

Commonwealth Edison Company  
Braidwood Generating Station  
Route #1, Box 84  
Braceville, IL 60407-9619  
Tel 815-458-2801

**ComEd**

January 8, 1996  
BW/96-0007

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

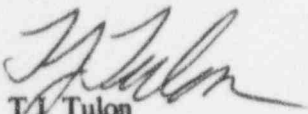
Subject: Monthly Operating Report for December 1995  
Braidwood Nuclear Power Station, Units 1 and 2  
Facility Operating Licenses NPF-72 and NPF-77  
NRC Docket Nos. 50-456 and 50-457

Ladies and Gentlemen:

In accordance with Technical Specification 6.9.1.8, enclosed you will find the Monthly Operating Report for Commonwealth Edison Company's (ComEd's) Braidwood Nuclear Power Station, Units 1 and 2, covering the period December 1, 1995 through December 31, 1995

Please address any comments or questions regarding this matter to Chris Pershey at (815) 458-2801, extension 2173.

Very truly yours,



T.J. Tulon  
Station Manager  
Braidwood Nuclear Station

TJT/CP/dm  
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Enclosures

cc: H. J. Miller, Regional Administrator - RIII  
R. R. Assa, Braidwood Project Manager - NRR  
C. J. Phillips, Senior Resident Inspector - Braidwood  
J. L. Roman, IDNS Resident Inspector - Braidwood  
Office of Nuclear Facility Safety - IDNS

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**BRAIDWOOD NUCLEAR POWER STATION**

**UNIT 1 AND UNIT 2**

**MONTHLY PERFORMANCE REPORT**

**ComEd**

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: 01/05/1996  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

**OPERATING STATUS**

- |  |              |     |
|--|--------------|-----|
| 1) Reporting Period: December 1995           | 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	8760.0	65073.0
6) Hours Reactor Critical:	547.6	6379.1	50977.9
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	427.1	6509.1	50474.9
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWht):	1,004,550	20,040,969	158,484,816
11 Gross Elect. Energy (MWH):	328,304	6,886,498	53,390,320
12 Net Elect. Energy (MWH):	307,159	6,594,540	51,127,360
13 Reactor Service Factor:	73.6	72.8	78.3
14 Reactor Availability Factor:	73.6	72.8	78.3
15 Unit Service Factor:	57.4	74.3	77.6
16 Unit Availability Factor:	57.4	74.3	77.6
17 Unit Capacity Factor (MDC NET):	36.9	67.2	70.2
18 Unit Capacity Factor (DER NET):	36.9	67.2	70.2
19 Unit Forced Outage Rate:	0.0	2.7	7.7
20 Unit Forced Outage Hours:	0.0	184.0	4214.5

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: 01/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: December 1995

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	-15	16)	505
2)	-15	17)	534
3)	-15	18)	533
4)	-15	19)	535
5)	-15	20)	535
6)	-15	21)	535
7)	-15	22)	535
8)	-15	23)	612
9)	-15	24)	861
10)	-15	25)	865
11)	-15	26)	1061
12)	-15	27)	1092
13)	-15	28)	1091
14)	165	29)	1091
15)	256	30)	1090
		31)	1091

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 01/05/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: December 1995

<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>
33	12/01/95	S	316.9	C	4				Completion of refueling outage

\*\*\*SUMMARY\*\*\*

Unit 1 entered the month of December 1995 in its scheduled fifth refueling outage which began 9/30/1995. The unit was returned to service 12/14/95 and routine operation started 12/30/95 following the normally scheduled core physics testing.

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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 - 456  
Unit: Braidwood 1  
Date: 01/05/96  
Completed by: John Lewis  
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: 01/05/1996  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

**OPERATING STATUS**

- |  |              |     |
|--|--------------|-----|
| 1) Reporting Period: December 1995           | 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	8760.0	63155.0
6) Hours Reactor Critical:	744.0	8589.0	53421.4
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	744.0	8583.8	53026.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWhT):	2513286	28802392	168341841
11 Gross Elect. Energy (MWh):	866642	9885998	55905787
12 Net Elect. Energy (MWh):	831152	9533038	53635768
13 Reactor Service Factor:	100.0	98.0	84.6
14 Reactor Availability Factor:	100.0	98.0	84.6
15 Unit Service Factor:	100.0	98.0	84.0
16 Unit Availability Factor:	100.0	98.0	84.0
17 Unit Capacity Factor (MDC NET):	99.7	97.2	75.8
18 Unit Capacity Factor (DER NET):	99.7	97.2	75.8
19 Unit Forced Outage Rate:	0.0	2.0	5.3
20 Unit Forced Outage Hours:	0.0	176.3	2947.6

21 Shutdown Schedule Over Next 6 Months: Refuel Outage - 03/02/1996

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: 01/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: December 1995

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1115	16)	1130 *
2)	1115	17)	1128 *
3)	1116	18)	1129 *
4)	1116	19)	1129 *
5)	1114	20)	1131 *
6)	1116	21)	1131 *
7)	1117	22)	1130 *
8)	1117	23)	1129 *
9)	1060	24)	1129 *
10)	1095	25)	1129 *
11)	1113	26)	1126 *
12)	1115	27)	1132 *
13)	1117	28)	1132 *
14)	1127 *	29)	1131 *
15)	1127 *	30)	1125 *
		31)	996

\* Due to condenser efficiency



C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2  
 Date: 01/05/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: December 1995

<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>
N/A									

\*\*\*SUMMARY\*\*\*

Unit 2 entered the month of December 1995 at 100% capability and operated routinely 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: 01/05/96  
Completed by: John Lewis  
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				