

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



February 7, 1996  
BW/96-0017

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

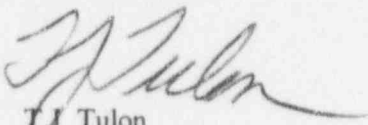
Subject: Monthly Operating Report for January 1996  
Braidwood Nuclear Power Station, Units 1 and 2  
Facility Operating Licenses NPF-72 and NPF-77  
NRC Docket Nos. 50-456 and 50-457

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 January 1, 1996 through January 31, 1996.

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: 02/06/1996  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

### OPERATING STATUS

1) Reporting Period: January 1996      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	744	65817
6) Hours Reactor Critical:	744.0	744.0	51721.9
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	427.1	744.0	51218.9
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,507,423	2,507,423	163,499,661
11 Gross Elect. Energy (MWh):	876,281	876,281	54,266,601
12 Net Elect. Energy (MWh):	845,942	845,942	51,973,302
13 Reactor Service Factor:	100.0	100.0	78.6
14 Reactor Availability Factor:	100.0	100.0	78.6
15 Unit Service Factor:	57.4	100.0	77.8
16 Unit Availability Factor:	57.4	100.0	77.8
17 Unit Capacity Factor (MDC NET):	101.5	101.5	70.5
18 Unit Capacity Factor (DER NET):	101.5	101.5	70.5
19 Unit Forced Outage Rate:	0.0	0.0	7.6
20 Unit Forced Outage Hours:	0.0	0.0	4214.5

21 Shutdown Schedule Over Next 6 Months: Mid-cycle outage - 05/21/1996

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: 02/06/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: January 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1091	16)	1136 *
2)	1105	17)	1136 *
3)	1143 *	18)	1133 *
4)	1143 *	19)	1143 *
5)	1143 *	20)	1146 *
6)	1142 *	21)	1147 *
7)	1141 *	22)	1148 *
8)	1069	23)	1148 *
9)	1136 *	24)	1147 *
10)	1136 *	25)	1148 *
11)	1136 *	26)	1143 *
12)	1136 *	27)	1146 *
13)	1136 *	28)	1146 *
14)	1136 *	29)	1146 *
15)	1136 *	30)	1146 *
		31)	1145 *

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 02/06/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: January 1996

<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 1 entered the month of January 1996 with 100% capability and operated routinely the entire 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: 02/06/96  
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: 02/06/1996  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

### OPERATING STATUS

1) Reporting Period: January 1996      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	744	63899
6) Hours Reactor Critical:	744.0	744.0	54165.4
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	744.0	744.0	53770.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWHt):	2519358	2519358	173380557
11 Gross Elect. Energy (MWH):	869184	869184	56774971
12 Net Elect. Energy (MWH):	839165	839165	54474933
13 Reactor Service Factor:	100.0	100.0	84.8
14 Reactor Availability Factor:	100.0	100.0	84.8
15 Unit Service Factor:	100.0	100.0	84.1
16 Unit Availability Factor:	100.0	100.0	84.1
17 Unit Capacity Factor (MDC NET):	100.7	100.7	76.1
18 Unit Capacity Factor (DER NET):	100.7	100.7	76.1
19 Unit Forced Outage Rate:	0.0	0.0	5.2
20 Unit Forced Outage Hours:	0.0	0.0	2947.6

21 Shutdown Schedule Over Next 6 Months: Refuel Outage - 03/16/1996

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: 02/06/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: January 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1106	16)	1132 *
2)	1132 *	17)	1132 *
3)	1134 *	18)	1127 *
4)	1134 *	19)	1124 *
5)	1134 *	20)	1127 *
6)	1133 *	21)	1127 *
7)	1132 *	22)	1131 *
8)	1130 *	23)	1132 *
9)	1132 *	24)	1132 *
10)	1133 *	25)	1134 *
11)	1132 *	26)	1134 *
12)	1133 *	27)	1119
13)	1132 *	28)	1054
14)	1132 *	29)	1128 *
15)	1133 *	30)	1128 *
		31)	1129 *

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2  
 Date: 02/06/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: January 1996

<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 January 1996 at 100% capability and operated routinely the entire 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: 02/06/96  
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				