

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



July 1, 1996  
BW/96-0069

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

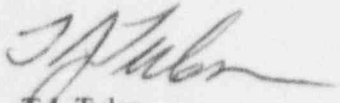
Subject: Monthly Operating Report for June, 1996  
Braidwood Nuclear Power Station, Units 1 and 2  
Facility Operating Licenses NPF-72 and NPF-77  
NRC Docket Nos. 50-456 and 50-457

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 June 1, 1996 through June 30, 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/md  
O:\CORRESP\ZCSTECH\B\96-0069

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: 07/01/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

## OPERATING STATUS

1) Reporting Period: June 1996 Gross Hours: 720

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:	720	4367	69440
6) Hours Reactor Critical:	720.0	3,923.1	54,901.0
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	720.0	3,915.5	54,096.2
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,307,030	12,799,647	173,591,493
11 Gross Elect. Energy (MWh):	789,749	4,440,194	57,830,514
12 Net Elect. Energy (MWh):	759,314	4,274,732	55,402,092
13 Reactor Service Factor:	100.0	89.8	79.1
14 Reactor Availability Factor:	100.0	89.8	79.1
15 Unit Service Factor:	100.0	89.7	77.9
16 Unit Availability Factor:	100.0	89.7	77.9
17 Unit Capacity Factor (MDC NET):	94.2	87.4	71.2
18 Unit Capacity Factor (DER NET):	94.2	87.4	71.2
19 Unit Forced Outage Rate:	0.0	10.3	7.9
20 Unit Forced Outage Hours:	0.0	451.5	4,666.0

21 Shutdown Schedule Over Next 6 Months: Mid-cycle outage - 10/01/1996

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: 07/01/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: June 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1131 *	16)	1113
2)	1131 *	17)	1115
3)	1130 *	18)	1118
4)	1131 *	19)	1122 *
5)	1131 *	20)	1118
6)	1128 *	21)	889
7)	1128 *	22)	654
8)	1132 *	23)	661
9)	1133 *	24)	681
10)	1133 *	25)	731
11)	1131 *	26)	1050
12)	1125 *	27)	1118
13)	1119	28)	1113
14)	1115	29)	1113
15)	1113	30)	1114

\* Due to condenser efficiency

G. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 07/01/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: June 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>
3	960621	F	114.8	A	5	N/A	SD	P	Reduced load to shut down a Condensate Booster pump in response to an elevated inboard bearing temperature. A standby pump was unavailable. Repairs are in progress including a new bearing to restore materiel condition. The unit ramped to full power when the standby pump became available.

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

Unit 1 entered the month of June 1996 with 100% capability and operated routinely until June 21st. The unit was forced to reduce load June 21st when a Condensate Booster pump was shutdown due to an overheating inboard bearing with no standby pump available. 100% capability was restored June 26, 1996 and continued through 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: 07/01/96  
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: 07/01/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

## OPERATING STATUS

1) Reporting Period: June 1996

Gross Hours: 720

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:	720	4367	67522
6) Hours Reactor Critical:	720.0	2,950.7	56,372.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	720.0	2,933.0	55,959.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,440,428	9,422,572	180,204,841
11 Gross Elect. Energy (MWh):	827,300	3,227,122	59,132,909
12 Net Elect. Energy (MWh):	793,628	3,085,539	56,721,307
13 Reactor Service Factor:	100.0	67.6	83.5
14 Reactor Availability Factor:	100.0	67.6	83.5
15 Unit Service Factor:	100.0	67.2	82.9
16 Unit Availability Factor:	100.0	67.2	82.9
17 Unit Capacity Factor (MDC NET):	98.8	63.1	75.0
18 Unit Capacity Factor (DER NET):	98.8	63.1	75.0
19 Unit Forced Outage Rate:	0.0	0.0	5.0
20 Unit Forced Outage Hours:	0.0	0.0	2,947.6

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: 07/01/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: June 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1125 *	16)	1104
2)	1124 *	17)	1103
3)	1122 *	18)	1103
4)	1123 *	19)	1106
5)	1124 *	20)	1103
6)	1123 *	21)	1097
7)	1121 *	22)	1098
8)	1122 *	23)	1104
9)	1013	24)	1095
10)	1122 *	25)	1108
11)	1121 *	26)	1111
12)	1098	27)	1108
13)	1116	28)	1104
14)	1112	29)	1104
15)	1061	30)	1105

\* Due to condenser efficiency



C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2  
 Date: 07/03/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: June 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>
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None

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

Unit 2 entered the month of June 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: 07/01/96  
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				