

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: 03/06/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

### OPERATING STATUS

1) Reporting Period: February 1996 Gross Hours: 696

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:	696	1440	66513
6) Hours Reactor Critical:	696.0	1440.0	52417.9
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	696.0	1440.0	51620.7
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,356,506	4,863,929	165,705,252
11 Gross Elect. Energy (MWh):	822,720	1,699,001	55,089,321
12 Net Elect. Energy (MWh):	793,812	1,639,754	52,767,114
13 Reactor Service Factor:	100.0	100.0	78.8
14 Reactor Availability Factor:	100.0	100.0	78.8
15 Unit Service Factor:	100.0	100.0	77.6
16 Unit Availability Factor:	100.0	100.0	77.6
17 Unit Capacity Factor (MDC NET):	101.8	101.7	70.8
18 Unit Capacity Factor (DER NET):	101.8	101.7	70.8
19 Unit Forced Outage Rate:	0.0	0.0	7.5
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: 03/06/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: February 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1145 *	16)	1147 *
2)	1145 *	17)	1147 *
3)	1076	18)	1147 *
4)	1140 *	19)	1147 *
5)	1142 *	20)	1147 *
6)	1142 *	21)	1147 *
7)	1142 *	22)	1147 *
8)	1143 *	23)	1146 *
9)	1144 *	24)	1147 *
10)	1136 *	25)	1069
11)	1144 *	26)	1146 *
12)	1146 *	27)	1144 *
13)	1147 *	28)	1145 *
14)	1148 *	29)	1147 *
15)	1147 *		

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456  
 Unit: Braidwood 1  
 Date: 03/06/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: February 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 February 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: 03/06/96  
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: 03/06/1996  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

### OPERATING STATUS

1) Reporting Period: February 1996	Gross Hours:	696
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:	696	1440	64595
6) Hours Reactor Critical:	696.0	1440.0	54861.4
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	696.0	1440.0	54466.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWHt):	2338534	4857892	175538267
11 Gross Elect. Energy (MWH):	808524	1677708	57583495
12 Net Elect. Energy (MWH):	779915	1619080	55254848
13 Reactor Service Factor:	100.0	100.0	84.9
14 Reactor Availability Factor:	100.0	100.0	84.9
15 Unit Service Factor:	100.0	100.0	84.3
16 Unit Availability Factor:	100.0	100.0	84.3
17 Unit Capacity Factor (MDC NET):	100.1	100.4	76.4
18 Unit Capacity Factor (DER NET):	100.1	100.4	76.4
19 Unit Forced Outage Rate:	0.0	0.0	5.1
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: 03/06/1996

Completed by: Chris Pershey

Telephone: 815-458-2301

MONTH: February 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1131 *	16)	1132 *
2)	1134 *	17)	1132 *
3)	1133 *	18)	1132 *
4)	1132 *	19)	1132 *
5)	1133 *	20)	1131 *
6)	1128 *	21)	1131 *
7)	1132 *	22)	1132 *
8)	1133 *	23)	1129 *
9)	1133 *	24)	1129 *
10)	1122 *	25)	1130 *
11)	928	26)	1129 *
12)	1131 *	27)	1103
13)	1132 *	28)	1088
14)	1133 *	29)	1085
15)	1132 *		

\* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457  
 Unit: Braidwood 2  
 Date: 03/06/96  
 Completed by: Chris Pershey  
 Telephone: 815-458-2801

REPORT PERIOD: February 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 February 1996 at 100% capability and operated routinely up to February 25th when coastdown was entered.

<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: 03/06/96  
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				