

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



December 5, 1996
BW/96-0095

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

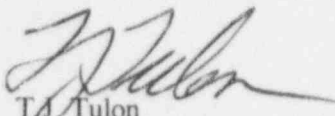
Subject: Monthly Operating Report for November, 1996
Braidwood Nuclear Power Station, Units 1 and 2
Facility Operating Licenses NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 50-457

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 November 1, 1996 through November 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/bl
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Enclosures

cc: A. B. Beach, Regional Administrator - RII
R. R. Assa, Braidwood Project Manager - NRR
C. J. Phillips, Senior Resident Inspector - Braidwood
T. J. Esper, 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: 12/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: November 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	8040	73113
6) Hours Reactor Critical:	0.0	6,356.1	57,334.0
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	0.0	6,339.1	56,519.8
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	0	20,923,111	179,407,927
11 Gross Elect. Energy (MWh):	0	7,219,784	60,610,104
12 Net Elect. Energy (MWh):	-10,010	6,934,041	58,061,401
13 Reactor Service Factor:	0.0	79.1	78.4
14 Reactor Availability Factor:	0.0	79.1	78.4
15 Unit Service Factor:	0.0	78.8	77.3
16 Unit Availability Factor:	0.0	78.8	77.3
17 Unit Capacity Factor (MDC NET):	-1.2	77.0	70.9
18 Unit Capacity Factor (DER NET):	-1.2	77.0	70.9
19 Unit Forced Outage Rate:	0.0	7.3	7.7
20 Unit Forced Outage Hours:	0.0	499.9	4,714.4

21 Shutdown Schedule Over Next 6 Months:

22 If Shutdown at End of Reporting Period,

Estimated Date of Startup:

12/2/96

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 12/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: November 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	-13	16)	-14
2)	-13	17)	-14
3)	-13	18)	-14
4)	-13	19)	-14
5)	-13	20)	-14
6)	-13	21)	-14
7)	-13	22)	-14
8)	-13	23)	-14
9)	-13	24)	-14
10)	-13	25)	-14
11)	-14	26)	-14
12)	-14	27)	-14
13)	-13	28)	-14
14)	-14	29)	-14
15)	-13	30)	-15

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 12/05/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: November 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 & Corrective Action to Prevent Recurrence</u>
6	961101	S	720.0	B	4	N/A	RC	TBG	Continuation of scheduled maintenance outage to allow inspection of steam generator tubing.

SUMMARY

Unit 1 entered the month of November in a scheduled maintenance outage to inspect the steam generator tubing. The unit remained shutdown through the end of the month.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & 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: 12/05/96
Completed by: Ted Eliakis
Telephone: 815-458-2801

<u>Date</u>	<u>Valves Actuated</u>	<u>No. & 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: 12/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: November 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	8040	71195
6) Hours Reactor Critical:	720.0	6,623.7	60,045.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	720.0	6,606.0	59,632.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWHt):	2,441,614	21,865,063	192,648,518
11 Gross Elect. Energy (MWH):	838,346	7,458,788	63,364,575
12 Net Elect. Energy (MWH):	811,755	7,168,353	60,804,121
13 Reactor Service Factor:	100.0	82.4	84.3
14 Reactor Availability Factor:	100.0	82.4	84.3
15 Unit Service Factor:	100.0	82.2	83.8
16 Unit Availability Factor:	100.0	82.2	83.8
17 Unit Capacity Factor (MDC NET):	100.7	79.6	76.3
18 Unit Capacity Factor (DER NET):	100.7	79.6	76.3
19 Unit Forced Outage Rate:	0.0	0.0	4.7
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: 12/05/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: November 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1130 *	16)	1132 *
2)	1134 *	17)	1129 *
3)	1135 *	18)	1129 *
4)	1136 *	19)	1129 *
5)	1136 *	20)	1129 *
6)	1135 *	21)	1131 *
7)	1135 *	22)	1131 *
8)	1135 *	23)	1131 *
9)	1135 *	24)	1066
10)	1135 *	25)	1119
11)	1134 *	26)	1117
12)	1135 *	27)	1119
13)	1133 *	28)	1117
14)	1133 *	29)	1107
15)	1135 *	30)	1105

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 12/05/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: November 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 & Corrective Action to Prevent Recurrence</u>
None									

SUMMARY

Unit 2 entered the month of October 1996 at 100% capability and operated routinely the entire month.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & 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: 12/05/96
Completed by: Ted Eliakis
Telephone: 815-458-2801

<u>Date</u>	<u>Valves Actuated</u>	<u>No. & Type Actuation</u>	<u>Plant Condition</u>	<u>Description of Event</u>
None				