

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



June 4, 1996
BW/96-0065

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

Subject: Monthly Operating Report for May, 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 May 1, 1996 through May 31, 1996.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read "T.J. Tulon", with a small star-like mark to its right.

T.J. Tulon
Station Manager
Braidwood Nuclear Station

TJT/CP/md
O:\CORRESP\ZCSTECH\BW96-0065

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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PDR ADOCK 05000456
R PDR

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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: 06/04/1996
Completed by: Chris Pershey
Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: May 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	3647	68720
6) Hours Reactor Critical:	744.0	3203.1	54181.0
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	744.0	3195.5	53376.2
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,420,575	10,492,618	171,398,009
11 Gross Elect. Energy (MWh):	838,594	3,650,445	57,040,765
12 Net Elect. Energy (MWh):	804,462	3,515,418	54,642,778
13 Reactor Service Factor:	100.0	87.8	78.8
14 Reactor Availability Factor:	100.0	87.8	78.8
15 Unit Service Factor:	100.0	87.6	77.7
16 Unit Availability Factor:	100.0	87.6	77.7
17 Unit Capacity Factor (MDC NET):	96.5	86.1	71.0
18 Unit Capacity Factor (DER NET):	96.5	86.1	71.0
19 Unit Forced Outage Rate:	0.0	12.4	8.0
20 Unit Forced Outage Hours:	0.0	451.5	4666.0

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: 06/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: May 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1146 *	16)	1139 *
2)	1146 *	17)	1136 *
3)	1147 *	18)	1131 *
4)	1146 *	19)	1130 *
5)	1144 *	20)	1131 *
6)	1142 *	21)	1131 *
7)	1139 *	22)	1130 *
8)	1132 *	23)	1131 *
9)	1129 *	24)	1135 *
10)	1128 *	25)	1134 *
11)	1128 *	26)	546
12)	1128 *	27)	503
13)	1127 *	28)	678
14)	1129 *	29)	1133 *
15)	1140 *	30)	1134 *
		31)	1131 *

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
Unit: Braidwood 1
Date: 06/04/96
Completed by: Chris Pershey
Telephone: 815-458-2801

REPORT PERIOD: May 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>
2	960526	F	66.0	A	5	N/A	JJ	CPU	Valve transfer subroutine became corrupted causing three main turbine governor valves to close when transferring from sequential to single valve control during alignment for control valve testing. An uncorrupted copy of the software was installed and tested prior to ramping the unit to full power. The corrupted software is being analyzed.

SUMMARY

Unit 1 entered the month of May 1996 with 100% capability and operated routinely until May 26th. The unit was forced to reduce load May 26th when corrupted valve transfer software affected control valve testing alignments. 100% capability was restored May 28, 1996 and continued through the remainder 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: 06/04/96
Completed by: John Lewis
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: 06/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: May 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	3647	66802
6) Hours Reactor Critical:	428.2	2230.7	55652.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	411.6	2213.0	55239.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	1055524	6982144	176379509
11 Gross Elect. Energy (MWh):	351392	2399822	58305609
12 Net Elect. Energy (MWh):	329626	2288911	55924679
13 Reactor Service Factor:	57.6	61.2	83.3
14 Reactor Availability Factor:	57.6	61.2	83.3
15 Unit Service Factor:	55.3	60.7	82.7
16 Unit Availability Factor:	55.3	60.7	82.7
17 Unit Capacity Factor (MDC NET):	39.6	56.0	74.7
18 Unit Capacity Factor (DER NET):	39.6	56.0	74.7
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:

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: 06/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: May 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	-14	16)	205
2)	-14	17)	397
3)	-14	18)	402
4)	-14	19)	464
5)	-14	20)	482
6)	-14	21)	816
7)	-14	22)	1079
8)	-14	23)	1092
9)	-15	24)	1093
10)	-15	25)	1097
11)	-15	26)	1097
12)	-15	27)	1097
13)	-15	28)	1101
14)	2	29)	1061
15)	188	30)	1116
		31)	1125 *

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 06/04/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: May 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>
3	960501	S	332.4	C	4				Scheduled fifth refueling outage

SUMMARY

Unit 2 entered the month of May 1996 continuing it's fifth refueling outage which started March 16th. The unit returned to service May 14th and was released from physics testing May 30, 1996.

<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: 06/04/96
Completed by: John Lewis
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				

ENCODING INSTRUCTIONS MANUAL

Revision Request Form

Volume: 1	
Section: ODID (Av EUTCEIL)	Page: 12 of 19
Requested Change: add : BW/YY-XXXX (BW/96-0065)	
Name: Raymond Sumner	Date: 6-11-96