

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

ComEd

May 2, 1997
BW/97-0022

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

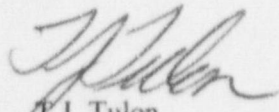
Subject: Monthly Operating Report for April, 1997
Braidwood Nuclear Power Station, Units 1 and 2
Facility Operating Licenses NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 50-457

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 April 1, 1997 through April 30, 1997.

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

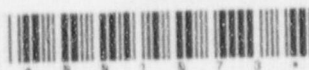
Braidwood Nuclear Station

TJT/CP/dah
O:\CORRESP\ZCSTECH\BW97-0022

Enclosures

cc: A. B. Beach, Regional Administrator - RIII
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

9705120313 970430
PDR ADOCK 05000456
R PDR



1/1 IE24

cc: INPO Records Center
D. L. Farrar, Nuclear Regional Service Mgr.
H.D. Pontious, Nuclear Licensing Admin.
D. R. Eggett, Nuclear Engineering Dept.
H. G. Stanley, Site Vice President, Braidwood
D. M. Hoots, Unit 1 Operating Engineer
J. P. Kuchenbecker, Unit 2 Operating Engineer
J. M. Bunecicky, Westinghouse
D. R. Seavers, A.N.I.
S. P. Focht, American Nuclear Insurers
C. E. Pershey, Braidwood
F. Bash, Braidwood

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: 05/02/1997

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: April 1997 Gross Hours: 719

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:	719	2879	76736
6) Hours Reactor Critical:	0.0	2,089.4	60,114.8
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	0.0	2,088.1	59,291.8
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10) Gross Thermal Energy (MWh):	0	7,007,502	190,516,076
11) Gross Elect. Energy (MWh):	0	2,434,817	63,044,921
12) Net Elect. Energy (MWh):	-8,763	2,337,370	60,398,771
13) Reactor Service Factor:	0.0	72.6	78.3
14) Reactor Availability Factor:	0.0	72.6	78.3
15) Unit Service Factor:	0.0	72.5	77.3
16) Unit Availability Factor:	0.0	72.5	77.3
17) Unit Capacity Factor (MDC NET):	-1.1	72.5	70.3
18) Unit Capacity Factor (DER NET):	-1.1	72.5	70.3
19) Unit Forced Outage Rate:	0.0	0.0	7.4
20) Unit Forced Outage Hours:	0.0	0.0	4,714.4

21) Shutdown Schedule Over Next 6 Months:

22) If Shutdown at End of Reporting Period,

Estimated Date of Startup:

5/21/97

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 05/02/1997

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: April 1997

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

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 05/02/97
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: April 1997

<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	970401	S	719	C	4				Continuing scheduled sixth refueling outage

SUMMARY

Unit 1 continued its refueling outage the entire month of April 1997.

<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: 05/02/97
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: 05/02/1997
Completed by: Chris Pershey
Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: April 1997	Gross Hours:	719
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:	719	2879	74818
6) Hours Reactor Critical:	719.0	2,879.0	63,668.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	719.0	2,879.0	63,255.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10) Gross Thermal Energy (MWh):	2,425,177	9,749,205	204,997,301
11) Gross Elect. Energy (MWh):	837,540	3,357,265	67,587,536
12) Net Elect. Energy (MWh):	814,321	3,250,016	64,888,094
13) Reactor Service Factor:	100.0	100.0	85.1
14) Reactor Availability Factor:	100.0	100.0	85.1
15) Unit Service Factor:	100.0	100.0	84.5
16) Unit Availability Factor:	100.0	100.0	84.5
17) Unit Capacity Factor (MDC NET):	101.1	100.8	77.4
18) Unit Capacity Factor (DER NET):	101.1	100.8	77.4
19) Unit Forced Outage Rate:	0.0	0.0	4.5
20) Unit Forced Outage Hours:	0.0	0.0	2,947.6

21) Shutdown Schedule Over Next 6 Months:	9/27/97 Refueling outage
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: 05/02/1997

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: April 1997

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1136 *	16)	1140 *
2)	1138 *	17)	1141 *
3)	1137 *	18)	1142 *
4)	1137 *	19)	1142 *
5)	1137 *	20)	1142 *
6)	1139 *	21)	1140 *
7)	1140 *	22)	1139 *
8)	1141 *	23)	1144 *
9)	1142 *	24)	1143 *
10)	1143 *	25)	1143 *
11)	1142 *	26)	1143 *
12)	1145 *	27)	1143 *
13)	882	28)	1143 *
14)	1136 *	29)	1143 *
15)	1140 *	30)	1142 *

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 05/02/97
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: April 1997

<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>
1	970413	F	0	H	5	NA	JJ	PL	Analysis currently indicates that the Digital Electro-Hydraulic Control did not see the valve test pushbutton depressed while performing the throttle/governor valve test. Subsequent valve testing will be performed with real time monitoring of the input panel signals followed by hardware testing with DEHC out of service.

SUMMARY

Unit 2 entered the month of April 1997 at 100% capability and operated routinely up to April 13 when the unit was held at reduced power while investigating a positioning abnormality that occurred during routine Throttle/Governor valve testing. Full capability was restored April 14th and the unit operated routinely 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 - 457
Unit: Braidwood 2
Date: 05/02/97
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				