

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



September 4, 1996
BW/96-0083

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

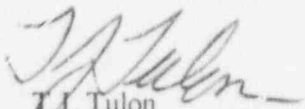
Subject: Monthly Operating Report for August, 1996
Braidwood Nuclear Power Station, Units 1 and 2
Facility Operating Licenses NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 50-457

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 August 1, 1996 through August 31, 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
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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

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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: 09/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: August 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	5855	70928
6) Hours Reactor Critical:	744.0	5,411.1	56,389.0
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	744.0	5,403.5	55,584.2
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,524,529	17,850,455	178,859,800
11 Gross Elect. Energy (MWh):	857,800	6,160,510	59,550,830
12 Net Elect. Energy (MWh):	827,031	5,932,215	57,059,575
13 Reactor Service Factor:	100.0	92.4	79.5
14 Reactor Availability Factor:	100.0	92.4	79.5
15 Unit Service Factor:	100.0	92.3	78.4
16 Unit Availability Factor:	100.0	92.3	78.4
17 Unit Capacity Factor (MDC NET):	99.3	90.5	71.8
18 Unit Capacity Factor (DER NET):	99.3	90.5	71.8
19 Unit Forced Outage Rate:	0.0	7.7	7.7
20 Unit Forced Outage Hours:	0.0	451.5	4,666.0

21 Shutdown Schedule Over Next 6 Months: Mid-cycle outage - 10/11/1996

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: 09/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: August 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1123 *	16)	1118
2)	1121 *	17)	1106
3)	1118	18)	1038
4)	1117	19)	1119
5)	1118	20)	1117
6)	1116	21)	1114
7)	1113	22)	1111
8)	1113	23)	1111
9)	1113	24)	1099
10)	1095	25)	1115
11)	1105	26)	1113
12)	1118	27)	1112
13)	1114	28)	1113
14)	1116	29)	1113
15)	1118	30)	1114
		31)	1115

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 09/04/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: August 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>
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None

***SUMMARY**

Unit 1 entered the month of August 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 - 456
Unit: Braidwood 1
Date: 09/04/96
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: 09/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: August 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	5855	69010
6) Hours Reactor Critical:	744.0	4,438.7	57,860.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	744.0	4,421.0	57,447.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,531,092	14,453,738	185,326,671
11 Gross Elect. Energy (MWh):	851,300	4,925,712	60,831,499
12 Net Elect. Energy (MWh):	820,849	4,721,956	58,357,724
13 Reactor Service Factor:	100.0	75.8	83.8
14 Reactor Availability Factor:	100.0	75.8	83.8
15 Unit Service Factor:	100.0	75.5	83.2
16 Unit Availability Factor:	100.0	75.5	83.2
17 Unit Capacity Factor (MDC NET):	98.5	72.0	75.5
18 Unit Capacity Factor (DER NET):	98.5	72.0	75.5
19 Unit Forced Outage Rate:	0.0	0.0	4.9
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: 09/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: August 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1111	16)	1104
2)	1109	17)	1105
3)	1104	18)	1094
4)	1102	19)	1108
5)	1103	20)	1106
6)	1103	21)	1103
7)	1096	22)	1100
8)	1099	23)	1103
9)	1102	24)	1105
10)	1103	25)	1103
11)	1104	26)	1102
12)	1104	27)	1100
13)	1102	28)	1100
14)	1103	29)	1101
15)	1103	30)	1102
		31)	1103

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 09/04/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: August 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 August 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: 09/04/96
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				