

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



November 4, 1996
BW/96-0091

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

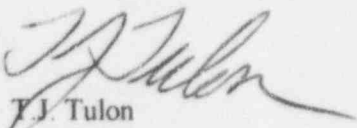
Subject: Monthly Operating Report for October, 1996
Braidwood Nuclear Power Station, Units 1 and 2
Facility Operating Licenses NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 50-457

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 October 1, 1996 through October 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/bl
O:\CORRESP\ZCSTECH\BW96-0091

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: 11/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: October 1996 Gross Hours: 745

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:	745	7320	72393
6) Hours Reactor Critical:	267.0	6,356.1	57,334.0
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	264.0	6,339.1	56,519.8
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	876,160	20,923,111	180,284,087
11 Gross Elect. Energy (MWh):	305,706	7,219,784	60,610,104
12 Net Elect. Energy (MWh):	287,633	6,944,051	58,071,411
13 Reactor Service Factor:	35.8	86.8	79.2
14 Reactor Availability Factor:	35.8	86.8	79.2
15 Unit Service Factor:	35.4	86.6	78.1
16 Unit Availability Factor:	35.4	86.6	78.1
17 Unit Capacity Factor (MDC NET):	34.5	84.7	71.6
18 Unit Capacity Factor (DER NET):	34.5	84.7	71.6
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:

11/30/96

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 11/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: October 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1135 *	16)	-13
2)	1135 *	17)	-13
3)	1133 *	18)	-14
4)	1135 *	19)	-14
5)	1082	20)	-14
6)	1134 *	21)	-14
7)	1131 *	22)	-14
8)	1134 *	23)	-14
9)	1139 *	24)	-14
10)	1139 *	25)	-14
11)	963	26)	-14
12)	-15	27)	-13
13)	-14	28)	-14
14)	-14	29)	-14
15)	-14	30)	-13

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 11/04/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: October 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>
5	961012	S	481.0	B	1	N/A	RC	TBG	Unit shutdown for scheduled maintenance outage to allow inspection of steam generator tubing.

SUMMARY

Unit 1 entered the month of October 1996 at 100% capability and operated routinely up to 10/12/96 when a maintenance outage was entered to inspect the steam generator tubing. The unit was 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: 11/04/96
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>
10/12/96	PORV 1RY455A	1 - Cold Overpressure Protection	Mode 4	Procedural guidance required high pressurizer level in anticipation of going solid, yet this configuration increased the difficulty to control bypass flow while cooldown and depressurization was in progress. This is being reported pursuant to Tech Spec 6.9.1.9 and 3.4.9.3.e.

A. OPERATING DATA REPORT

Docket No: 50 - 457

Unit: Braidwood 2

Date: 11/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: October 1996 Gross Hours: 745

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:	745	7320	70475
6) Hours Reactor Critical:	745.0	5,903.7	59,325.1
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	745.0	5,886.0	58,912.1
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10 Gross Thermal Energy (MWh):	2,529,792	19,423,449	190,295,082
11 Gross Elect. Energy (MWh):	866,996	6,620,442	62,526,229
12 Net Elect. Energy (MWh):	838,240	6,356,598	59,992,366
13 Reactor Service Factor:	100.0	80.7	84.2
14 Reactor Availability Factor:	100.0	80.7	84.2
15 Unit Service Factor:	100.0	80.4	83.6
16 Unit Availability Factor:	100.0	80.4	83.6
17 Unit Capacity Factor (MDC NET):	100.5	77.5	76.0
18 Unit Capacity Factor (DER NET):	100.5	77.5	76.0
19 Unit Forced Outage Rate:	0.0	0.0	4.8
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: 11/04/1996

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: October 1996

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1116	16)	1129 *
2)	1117	17)	1130 *
3)	1117	18)	1130 *
4)	1121 *	19)	1131 *
5)	1119	20)	1133 *
6)	1123 *	21)	1132 *
7)	1122 *	22)	1134 *
8)	1124 *	23)	1133 *
9)	1124 *	24)	1133 *
10)	1124 *	25)	1133 *
11)	1125 *	26)	1132 *
12)	1114	27)	1061
13)	1126 *	28)	1132 *
14)	1129 *	29)	1133 *
15)	1130 *	30)	1132 *

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 11/04/96
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: October 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.: 457
Unit: Braidwood 2
Date: 11/04/96
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				