



Commonwealth Edison
Braidwood Nuclear Power Station
Route #1, Box 84
Braceville, Illinois 60407
Telephone 815/458-2801

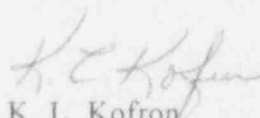
May 10, 1994
BW/94-0081

Director
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Dear Sir:

Enclosed for your information is the Monthly Performance Report covering Braidwood Nuclear Generating Station for the period April 1 through April 30, 1994.

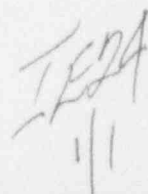

K. L. Kofron
Station Manager
Braidwood Station

KLK/JL/dla

Attachments

cc: J. B. Martin, NRC, Region III
R. R. Assa, U.S.N.R.C.
I.D.N.S.
NRC Resident Inspector, Bwd
INPO Records Center
D. L. Farrar, Nucl. Reg. Service Mgr.
D. M. Saccomando, Nucl. Lic. Admin.
D. R. Eggett, Nucl. Eng. Dept.
K. Kaup, Site V.P., Bwd
NFS, PWR Plant Support
Results Eng. Grp., Systems Eng., Bwd
Nucl. Group, Systems Eng., Bwd
I.D.N.S. Resident Inspector, Bwd
J. M. Bunecicky, Westinghouse
D. R. Seavers, A.N.I.

9405180344 940430
PDR ADDCK 05000456
R PDR



BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

Commonwealth Edison Company

NRC DOCKET NO. 050-456, LICENSE NO. NPF-72

NRC DOCKET NO. 050-457, LICENSE NO. NPF-77

I. MONTHLY REPORT FOR BRAIDWOOD UNIT 1

A. SUMMARY OF OPERATING EXPERIENCE

Braidwood Unit 1 entered the month of April 1994 shutdown for refueling outage A1R04.

The outage continued through the end of the month.

B. OPERATING DATA REPORT

Docket No: 50 - 456

Unit: Braidwood 1

Date: 5/10/94

Completed by: Paul Stanczak

Telephone: 815-458-2801

OPERATING STATUS1) Reporting Period: April 1994 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): None4) Reasons for restrictions (If Any): None

	<u>This mo</u>	<u>Yr to date</u>	<u>Cumulative</u>
5) Report Period Hours:	719.0	2,879.0	50,432.0
6) Hours Reactor Critical:	0.0	1,490.5	39,088.7
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	0.0	1,488.2	38,513.2
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10) Gross Thermal Energy (MWh):	0.0	4,812,341.1	117,752,868.1
11) Gross Elect. Energy (MWh):	0.0	1,676,250.0	40,490,837.0
12) Net Elect. Energy (MWh):	-8,151.0	1,604,459.0	38,747,276.0
13) Reactor Service Factor:	0.0	51.8	77.5
14) Reactor Availability Factor:	0.0	51.8	77.5
15) Unit Service Factor:	0.0	51.7	76.4
16) Unit Availability Factor:	0.0	51.7	76.4
17) Unit Capacity Factor (MDC NET):	-1.0	49.8	68.6
18) Unit Capacity Factor (DER NET):	-1.0	49.8	68.6
19) Unit Forced Outage Rate:	0.0	0.0	9.2
20) Unit Forced Outage Hours:	0.0	0.0	3905.1

21) Shutdown Schedule Over Next 6 Months. Refuel 3/4/94

22) If Shutdown at End of Reporting Period, 5/13/94
Estimated Date of Startup

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 5/10/94

Completed by: Paul Stanczak

Telephone: 815-458-2801

MONTH: April 1994

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

D. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 5/10/94
 Completed by: Paul Stanczak
 Telephone: 815-458-2801

REPORT PERIOD: April 1994

<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>
16	940401	S	719	C	I			REFUEL OUTAGE	

<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 - Oper Error		
	H - Other		

E. SAFETY/RELIEF VALVE OPERATIONS

Docket No.: 50 - 456

Unit: Braidwood 1

Date: 5/10/94

Completed by: Paul Stanczak

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				

F. LICENSEE EVENT REPORTS - UNIT 1

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, April 1 through April 30, 1994. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
94 - 003	04/11/94	As Found Integrated Leak Rate Test Failures Due to Preservice Construction Deficiencies.
94 - 004	04/08/94	Main Steam Safety Valves Declared Inoperable due to Calculational Inaccuracies with the Trevi-Test Method.
94 - 005	04/11/94	Inadvertent Start of the 1B Diesel Generator During Surveillance Testing.
94 - 006	04/29/94	Missed Technical Specification Surveillance due to Personnel Error and Programmatic Deficiencies.

II. MONTHLY REPORT FOR BRAIDWOOD UNIT 2

A. SUMMARY OF OPERATING EXPERIENCE

Braidwood Unit 2 entered the month of April 1994 at approximately 100% capable. The Unit tripped on April 5 due to a fault in the 2E Main Power Transformer. The Unit remained shutdown through the end of the month.

B. OPEATING DATA REPORT

Docket No: 50 - 457

Unit: Braidwood 2

Date: 5/10/94

Completed by: Paul Stanczak

Telephone: 815-458-2801

OPERATING STATUS

1) Reporting Period: April 1994

Gross Hours: 7192) Currently Authorized Power Level (MWt): 3411Design Electrical Rating (MWe-gross): 1175Design Electrical Rating (MWe-net): 1120Max Dependable Capacity (MWe-gross): 1175Max Dependable Capacity (MWe-net): 11203) Power level to which restricted (If Any): None4) Reasons for restrictions (If Any): None

	<u>This mo</u>	<u>Yr to date</u>	<u>Cumulative</u>
5) Report Period Hours:	719.0	2,879.0	48,514.0
6) Hours Reactor Critical:	110.7	2,270.7	40,584.8
7) RX Reserve Shutdown Hours:	0.0	0.0	0.0
8) Hours Generator on Line:	110.7	2,270.7	40,257.0
9) Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10) Gross Thermal Energy (MWHt):	337,197.8	6,748,697.6	121,574,092.4
11) Gross Elect. Energy (MWH):	118,068.0	2,334,254.0	41,448,077.0
12) Net Elect. Energy (MWH):	109,280.0	2,257,812.0	39,724,395.0
13) Reactor Service Factor:	15.5	78.9	83.7
14) Reactor Availability Factor:	15.5	78.9	83.7
15) Unit Service Factor:	15.5	78.9	83.0
16) Unit Availability Factor:	15.5	78.9	83.0
17) Unit Capacity Factor (MDC NET):	13.6	70.0	73.1
18) Unit Capacity Factor (DER NET):	13.6	70.0	73.1
19) Unit Forced Outage Rate:	84.5	21.1	4.9
20) Unit Forced Outage Hours:	608.3	608.3	2054.3

21) Shutdown Schedule Over Next 6 Months. Refuel 9/94

22) If Shutdown at end of Reporting Period, 5/19/94
Estimated Date of Startup.

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 457

Unit: Braidwood 2

Date: 5/10/94

Completed by: Paul Stanczak

Telephone: 815-458-2801

MONTH: April 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	<u>959</u>	16)	<u>- 10</u>
2)	<u>955</u>	17)	<u>- 10</u>
3)	<u>1055</u>	18)	<u>- 10</u>
4)	<u>1145 *</u>	19)	<u>- 7</u>
5)	<u>751</u>	20)	<u>- 8</u>
6)	<u>- 10</u>	21)	<u>- 8</u>
7)	<u>- 10</u>	22)	<u>- 8</u>
8)	<u>- 10</u>	23)	<u>- 8</u>
9)	<u>- 10</u>	24)	<u>- 9</u>
10)	<u>- 10</u>	25)	<u>- 13</u>
11)	<u>- 10</u>	26)	<u>- 14</u>
12)	<u>- 10</u>	27)	<u>- 14</u>
13)	<u>- 10</u>	28)	<u>- 15</u>
14)	<u>- 10</u>	29)	<u>- 15</u>
15)	<u>- 10</u>	30)	<u>- 15</u>

* Due to Condenser efficiency.

D. UNIT SHUTDOWNS/REDUCTIONS

Docket No: 50 - 457

Unit: Braidwood 2

Date: 5/10/94

Completed by: Paul Stanczak

Telephone: 815-458-2801

REPORT PERIOD: April 1994

<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>
25	940405	F	611.3	A	3	94-003	EL	XFMR	2E Main Power Transformer failed

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F - Forced	A - Equipment Failure Maint or	1 - Manual	Exhibit F & Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161).
S - Scheduled	Test	2 - Manual Scram	
	B - Maint or Test	3 - Auto Scram	
	C - Refueling	4 - Continued	
	D - Regulatory Restriction	5 - Reduced Load	
	E - Operator Training & Licensee Examination		
	F - Administration		
	G - Oper Error		
	H - Other		

E. SAFETY RELIEF VALVE OPERATIONS

Docket No.: 50 - 457
Unit: Braidwood 2
Date: 5/10/94
Completed by: Paul Stanczak
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				

F. LICENSEE EVENT REPORTS - UNIT 2

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, April 1 through April 30, 1994. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
94 - 002	04/29/94	Inadvertent Automatic Start of the 2A Auxiliary Feedwater Pump due to Procedural Deficiency.