

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-75

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(4957z/2)

IE 747

I. Monthly Report for Braidwood Unit 1

A. Summary of Operating Experience

The unit entered the month of January at 99.5% power. On January 1, the unit was manually tripped in accordance with Start-up Test BWSU NR-39, Plant Trip From 100% Power. The unit entered Mode 5 on January 2, and remained there through the end of the month due to a scheduled six week surveillance outage.

B. OPERATING DATA REPORT

DOCKET NO.: 50-456  
 UNIT: Braidwood 1  
 DATE: 02/10/88  
 COMPILED BY: M. W. Peterson  
 TELEPHONE: (815)458-2801  
 ext. 2480

OPERATING STATUS

1. Reporting Period: January, 1988      Gross Hours: 744.0
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 restriction (If Any): None

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Report period Hours:	744.0	744.0	4897.0
6. Hours Reactor Critical:	14.5	14.5	3074.2
7. RX Reserve Shutdown Hours:	0.0	0.0	0.0
8. Hours Generator on Line:	14.5	14.5	2625.2
9. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10. Gross Thermal Energy (MWH):	47283	47283	5062957
11. Gross Elec. Energy (MWH):	17056	17055	1621660
12. Net Elec. Energy (MWH):	16111	16111	1472762
13. Reactor Service Factor:	N/A	N/A	N/A
14. Reactor Availability Factor:	N/A	N/A	N/A
15. Unit Service Factor:	N/A	N/A	N/A
16. Unit Availability Factor:	N/A	N/A	N/A
17. Unit Capacity Factor (MDC net):	N/A	N/A	N/A
18. Unit Capacity Factor (DER net):	N/A	N/A	N/A
19. Unit Forced Outage Rate:	N/A	N/A	N/A
20. Unit Forced Outage Hours:	0.0	0.0	1322.3

21. Shutdowns Scheduled Over Next 6 Months:  
January 1, 1988 - 6 week surveillance outage

22. If Shutdown at End of Report Period,  
 Estimated Date of Startup: 02/16/88

23. Units in Test Status (Prior to  
 Commercial Operation):

	<u>FORECAST</u>	<u>ACHIEVED</u>
Initial Criticality	05/23/87	05/29/87
Initial Electricity	07/11/87	07/12/87
Commercial Operation	03/26/88	_____

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-456  
 UNIT: Braidwood 1  
 DATE: 02/10/88  
 COMPILED BY: M. W. Peterson  
 TELEPHONE: (815)458-2801  
 ext. 2480

MONTH: January, 1988

1. _____	671	17. _____	0
2. _____	0	18. _____	0
3. _____	0	19. _____	0
4. _____	0	20. _____	0
5. _____	0	21. _____	0
6. _____	0	22. _____	0
7. _____	0	23. _____	0
8. _____	0	24. _____	0
9. _____	0	25. _____	0
10. _____	0	26. _____	0
11. _____	0	27. _____	0
12. _____	0	28. _____	0
13. _____	0	29. _____	0
14. _____	0	30. _____	0
15. _____	0	31. _____	0
16. _____	0		

INSTRUCTIONS

On this form list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

E. UNIQUE REPORTING REQUIREMENTS

1. Safety/Relief valve operations.

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO &amp; TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
	None			

2. Licensee generated changes to ODCM.

None

F. LICENSEE EVENT REPORTS

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, January 1 through January 31, 1988. 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>Report Date</u>	<u>Title of Occurrence</u>
87-061-00	01/11/88	Incomplete power operated relief valve surveillance due to an overly restrictive procedure requirement.
87-063-00	01/07/88	Two inoperable non-accessible filter plenums due to misalignment.

II. Monthly Report for Braidwood Unit 2

A. Summary of Operating Experience

The unit entered the month of January in Mode 6. On January 3, the unit entered Mode 5 and remained there through the end of the month.

B. OPERATING DATA REPORT

DOCKET NO.: 50-457  
 UNIT: Braidwood 2  
 DATE: 02/10/88  
 COMPILED BY: M. W. Peterson  
 TELEPHONE: (815)458-2801  
 ext. 2480

OPERATING STATUS

1. Reporting Period: January, 1988      Gross Hours: N/A
2. Currently Authorized Power Level (Mwt): 0  
 Design Electrical Rating (MWe-gross): 1175  
 Design Electrical Rating (MWe-net): 1120  
 Max Dependable Capacity (MWe-gross): 0  
 Max Dependable Capacity (MWe-net): 0
3. Power level to which restricted (If Any): 5%
4. Reasons for restriction (If Any): Terms of Braidwood Station's Facility Operating License.

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Report period Hours:	N/A	--	--
6. Hours Reactor Critical:	N/A	--	--
7. RX Reserve Shutdown Hours:	N/A	--	--
8. Hours Generator on Line:	N/A	--	--
9. Unit Reserve Shutdown Hours:	N/A	--	--
10. Gross Thermal Energy (MWH):	N/A	--	--
11. Gross Elec. Energy (MWH):	N/A	--	--
12. Net Elec. Energy (MWH):	N/A	--	--
13. Reactor Service Factor:	N/A	--	--
14. Reactor Availability Factor:	N/A	--	--
15. Unit Service Factor:	N/A	--	--
16. Unit Availability Factor:	N/A	--	--
17. Unit Capacity Factor (MDC net):	N/A	--	--
18. Unit Capacity Factor (DER net):	N/A	--	--
19. Unit Forced Outage Rate:	N/A	--	--
20. Unit Forced Outage Hours:	N/A	--	--
21. Shutdowns Scheduled Over Next 6 Months:			

22. If Shutdown at End of Report Period,  
 Estimated Date of Startup: \_\_\_\_\_

23. Units in Test Status (Prior to  
 Commercial Operation):

	<u>FORECAST</u>	<u>ACHIEVED</u>
Initial Criticality	02/29/88	_____
Initial Electricity	03/28/88	_____
Commercial Operation	07/25/88	_____



C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-457  
 UNIT: Braidwood 2  
 DATE: 02/10/88  
 COMPILED BY: M. W. Peterson  
 TELEPHONE: (815)458-2801  
 ext. 2400

MONTH: January, 1988

1. _____	N/A	17. _____	N/A
2. _____	N/A	18. _____	N/A
3. _____	N/A	19. _____	N/A
4. _____	N/A	20. _____	N/A
5. _____	N/A	21. _____	N/A
6. _____	N/A	22. _____	N/A
7. _____	N/A	23. _____	N/A
8. _____	N/A	24. _____	N/A
9. _____	N/A	25. _____	N/A
10. _____	N/A	26. _____	N/A
11. _____	N/A	27. _____	N/A
12. _____	N/A	28. _____	N/A
13. _____	N/A	29. _____	N/A
14. _____	N/A	30. _____	N/A
15. _____	N/A	31. _____	N/A
16. _____	N/A		

INSTRUCTIONS

On this form list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

D. UNIT SHUTDOWNS/REDUCTIONS

DOCKET NO.: 50-457  
 UNIT: Braidwood 2  
 DATE: 07/10/88  
 COMPILED BY: M. W. Peterson  
 TELEPHONE: (815)458-2801  
 ext. 2430

REPORT PERIOD: January, 1988

<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 &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
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N/A Precritical Period

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 \* SUMMARY \*  
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<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM &amp; COMPONENT</u>
F-Forced	A-Equipment Failure	1 - Manual	Exhibit F & H Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-1022)
S-Scheduled	B-Maint or Test	2 - Manual Scram	
	C-Refueling	3 - Auto Scram	
	D-Regulatory Restriction	4 - Continued	
	E-Operator Training & License Examination	5 - Reduced Load	
	F-Administration	9 - Other	
	G-Oper Error		
	H-Other		

E. UNIQUE REPORTING REQUIREMENTS - UNIT 2

1. Safety/Relief valve operations.

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO &amp; TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
	None			

2. Licensee generated changes to ODCM.

None

F. LICENSEE EVENT REPORTS - UNIT 2

The following is a tabular summary of all licensee Event Reports submitted during the reporting period, January 1 through January 31, 1988. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

<u>Licensee Event</u> <u>Report Number</u>	<u>Report</u> <u>Date</u>	<u>Title of Occurrence</u>
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None



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

EEF/88-228

February 10, 1988

Director, Office of Resource Management  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the Monthly Performance Report covering Braidwood Nuclear Power Station for the period January 1 through January 31, 1988.

Very truly yours,

A handwritten signature in cursive script that reads "E. E. Fitzpatrick".

E. E. Fitzpatrick  
Station Manager  
Braidwood Nuclear Power Station

EEF/RCB/jab  
(4957z)

Attachments

cc: A. B. Davis, NRC, Region III  
NRC Resident Inspector Braidwood  
Gary Wright, Ill. Dept. of Nuclear Safety  
T. J. Maiman  
K. L. Graesser  
L. D. Butterfield  
Nuclear Fuel Services, PWR Plant Support  
L. Anastasia, Station Nuclear Engineering  
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