



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

April 10, 1993
BW/93-0137

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 March 1 through March 31, 1993.

K. L. Kofron
Station Manager
Braidwood Nuclear Station

KLK/JL/dla
36/ZCREG

Attachments

cc: A. B. Davis, N.R.C., Region III
R. R. Assa, U.S.N.R.C.
IL Dept. of Nuclear Safety
N.R.C Resident Inspector, Braidwood
INPO Records Center
M. J. Wallace, V.P., Chief Nucl. Op. Officer
D. L. Farrar, Nucl. Reg. Serv. Mgr.
T. W. Simpkin, Nucl. Licensing Admin.
D. R. Eggett, Nucl. Eng. Dept.
S. M. Berg, Site V.P., Braidwood
• Nucl. Fuel Serv., PWR Plant Support
Results Engineering Grp., Tech Staff, Braidwood
• Nuclear Group, Tech Staff Braidwood

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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 March 1993 at approximately 100% capable. The Unit operated routinely through the end of the month.

B. OPERATING DATA REPORT

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 04/10/93
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
Ext. 2486

OPERATING STATUS

1. Reporting Period: March 1993 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 restriction (If Any): None

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Report Period Hours:	744.0	2160.0	40953.0
6. Hours Reactor Critical	744.0	2000.3	31517.5
7. RX Reserve Shutdown Hours:	0.0	0.0	0.0
8. Hours Generator on Line	744.0	1993.5	30969.2
9. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10. Gross Thermal Energy (MWhT)	2479616.0	6511565.0	93413205.0
11. Gross Elect. Energy (MWh)	867220.0	2277584.0	32066232.0
12. Net Elect. Energy (MWh):	840546.0	2197159.0	30646854.0
13. Reactor Service Factor:	100.0	92.6	77.0
14. Reactor Availability Factor:	100.0	92.6	77.0
15. Unit Service Factor:	100.0	92.3	75.6
16. Unit Availability Factor:	100.0	92.3	75.6
17. Unit Capacity Factor (MDC NET):	100.9	90.8	66.8
18. Unit Capacity Factor (DER NET):	100.9	90.8	66.8
19. Unit Forced Outage Rats:	0.0	7.7	9.9
20. Unit Forced Outage Hours:	0.0	166.5	3402.8

21. Shutdown Schedule Over Next
6 months: N/A

22. If Shutdown at End of Report Period,
Estimated Date of Startup: N/A

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 04/10/93
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
Ext. 2486

MONTH: March 1993

1. _____	* 1137	17. _____	* 1132
2. _____	* 1137	18. _____	* 1140
3. _____	1102	19. _____	* 1149
4. _____	* 1132	20. _____	* 1124
5. _____	* 1121	21. _____	1117
6. _____	* 1135	22. _____	* 1136
7. _____	1101	23. _____	* 1150
8. _____	* 1121	24. _____	* 1153
9. _____	* 1133	25. _____	* 1133
10. _____	* 1132	26. _____	* 1130
11. _____	* 1138	27. _____	* 1138
12. _____	* 1149	28. _____	1103
13. _____	* 1148	29. _____	1102
14. _____	1059	30. _____	* 1137
15. _____	* 1133	31. _____	* 1153
16. _____	* 1136		

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.

* Due to condenser efficiency.

D. UNIT SHUTDOWNS/REDUCTIONS

DOCKET NO.: 50-456

UNIT: Braidwood 1

DATE: 04/10/93

COMPILED BY: P. Stanczak

TELEPHONE: (815)458-2801

Ext. 2486

REPORT PERIOD: March 1993

<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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<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F-Forced	A-Equipment Failure Maint or Test	1 - Method	Exhibit F & H
S-Scheduled	B-Maint or Test	2 - Manual Scram	Instructions for Preparation of
	C-Refueling	3 - Auto Scram	Data Entry Sheet
	D-Regulatory Restriction	4 - Continued	Licensee Event Report
	E-Operator Training & License Examination	5 - Reduced Load	(LER) File (NUREG-0161)
	F-Administration	9 - Other	
	G-Oper Error		
	H-Other		

E. UNIQUE REPORTING REQUIREMENTS - UNIT 1

1. Safety/Relief valve operations.

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

2. Licensee generated changes to ODCM.

None

F. LICENSEE EVENT REPORTS - UNIT 1

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period March 1 through March 31, 1993. 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>
93-002	03/03/93	Nonconservatism in Heatup/Cooldown and Cold Overpressure Protection PORV Setpoint Curves
93-003	03/22/93	Missed Technical Specification Surveillance Due to Preservice Design Deficiency in SSPS Test Circuitry

II. Monthly Report for Braidwood Unit 2

A. Summary of Operating Experience

Braidwood Unit 2 entered the month of March 1993 at approximately 83% capable. The Unit was shutdown on March 5 to begin refueling outage A2R03.

B. OPERATING DATA REPORT

DOCKET NO.: 50-457
UNIT: Braidwood 2
DATE: 04/10/93
COMPILED BY: P. Stanczak
TELEPHONE: (815)458-2801
Ext. 2486

OPERATING STATUS

1. Reporting Period: March 1993 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 restriction (If Any): None

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Report Period Hours:	744.0	2160.0	39035.0
6. Hours Reactor Critical	99.0	1515.0	32677.5
7. RX Reserve Shutdown Hours:	0.0	0.0	0.0
8. Hours Generator on Line	98.0	1514.0	32401.8
9. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10. Gross Thermal Energy (MWht)	249732.9	4579581.7	96592324.7
11. Gross Elect. Energy (MWH)	85082.0	1552167.0	330088888.0
12. Net Elect. Energy (MWH):	72697.0	1481173.0	31595209.0
13. Reactor Service Factor:	13.3	70.1	83.7
14. Reactor Availability Factor:	13.3	70.1	83.7
15. Unit Service Factor:	13.2	70.1	83.0
16. Unit Availability Factor:	13.2	70.1	83.0
17. Unit Capacity Factor (MDC NET):	8.7	61.2	72.3
18. Unit Capacity Factor (DER NET):	8.7	61.2	72.3
19. Unit Forced Outage Rate:	0.0	0.0	3.6
20. Unit Forced Outage Hours:	0.0	0.0	1197.3

21. Shutdown Scheduled Over
Next 6 Months:

3rd Refuel Outage, March 1993

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

May 4, 1993

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-457

UNIT: Br#2, d 2

DATE: 04/10/93

COMPILED BY: P. Scamman

TELEPHONE: (815)456-2801

Ext. 2486

MONTH: March 1993

1. 921	17. - 13
2. 892	18. - 13
3. 892	19. - 13
4. 667	20. - 13
5. 0	21. - 13
6. - 14	22. - 13
7. - 14	23. - 13
8. - 14	24. - 13
9. - 13	25. - 13
10. - 13	26. - 13
11. - 13	27. - 13
12. - 13	28. - 13
13. - 13	29. - 13
14. - 13	30. - 13
15. - 13	31. - 13
16. - 13	

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: 04/10/93
 COMPILED BY: P. Stanczak
 TELEPHONE: (815)458-2801
 Ext. 2486

REPORT PERIOD: March 1993

<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>
20	920304	S	00	C	5	N/A	N/A	N/A	Load reduced in preparation of Unit shutdown.
21	920305	S	646	C	1	N/A	N/A	N/A	Unit in third refueling outage.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F-Forced	A-Equipment Failure Maint or Test	1 - Method	Exhibit F & H
S-Scheduled	B-Maint or Test	2 - Manual Scram	Instructions for Preparation of
	C-Refueling	3 - Auto Scram	Data Entry Sheet
	D-Regulatory Restriction	4 - Continued	Licensee Event Report
	E-Operator Training & License Examination	5 - Reduced Load	(LER) File (NUREG-0161)
	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 & TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
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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 March 1 through March 31, 1993. 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>
None		