

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



October 6, 1995
BW/95-0098

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Enclosed for your information is the Monthly Performance Report covering Braidwood Nuclear Generating Station for the period September 1 through 30, 1995.

T. J. Tulon
Station Manager
Braidwood Nuclear Station

TJT/CP/dla
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Attachments

cc: H. J. Miller, U.S.N.R.C., Region III
R. R. Assa, U.S.N.R.C.
I.D.N.S.
U.S.N.R.C. Resident Inspector, Braidwood
INPO Records Center
D. L. Farrar, Nuclear Regional Service Mgr.
D. M. Saccomando, Nuclear Licensing Admin.
D. R. Eggett, Nuclear Engineering Dept.
K. Kaup, Site Vice President, Braidwood
NFS, PWR Plant Support
P. L. Habel, Unit 1 Operating Engineer
J. P. Kuchenbecker, Unit 2 Operating Engineer
I.D.N.S. Resident Inspector, Braidwood
J. M. Bunecicky, Westinghouse
D. R. Seavers, A.N.I.

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BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

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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: 10/05/1995
 Completed by: Chris Pershey
 Telephone: 815-458-2801

OPERATING STATUS

- 1) Reporting Period: September 1995 Gross Hours: 720
- 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:	720.0	6,551.0	62,864.0
6) Hours Reactor Critical:	698.5	5,831.5	50,430.3
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	697.3	5,787.8	49,753.6
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWhT):	2,140,126.2	19,036,419.3	158,615,843.2
11) Gross Elect. Energy (MWh):	739,764.0	6,558,194.0	53,062,016.0
12) Net Elect. Energy (MWh):	710,927.0	6,307,123.0	50,839,943.0
13) Reactor Service Factor:	97.0	89.0	80.2
14) Reactor Availability Factor:	97.0	89.0	80.2
15) Unit Service Factor:	96.8	88.3	79.1
16) Unit Availability Factor:	96.8	88.3	79.1
17) Unit Capacity Factor (MDC NET):	88.2	86.0	72.2
18) Unit Capacity Factor (DER NET):	88.2	86.0	72.2
19) Unit Forced Outage Rate:	0.0	3.1	7.8
20) Unit Forced Outage Hours:	0.0	184.0	4214.5

21) Shutdown Schedule Over Next 6 Months:

22) If Shutdown at End of Reporting Period,
 Estimated Date of Startup: 11/16/1995

B. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456

Unit: Braidwood 1

Date: 10/05/1995

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: September 1995

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1120	16)	1040
2)	967	17)	1031
3)	912	18)	1023
4)	1001	19)	1019
5)	1123 *	20)	1006
6)	1121 *	21)	997
7)	1125 *	22)	995
8)	1130 *	23)	971
9)	1129 *	24)	959
10)	1113	25)	954
11)	1106	26)	932
12)	1086	27)	922
13)	1072	28)	920
14)	1063	29)	734
15)	1043	30)	-7

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 10/05/95
 Completed by: Chris Pershey
 Telephone: 815-458-2801

REPORT PERIOD: September 1995

<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>
30	9/30/95	S	21.5	C	1				

SUMMARY

Unit 1 entered the month of September 1995 with 100% capability. Coastdown started 9/9/1995 and the fifth refueling outage began 9/30/1995.

<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: 10/05/95
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: 10/05/1995

Completed by: Chris Pershey

Telephone: 815-458-2801

OPERATING STATUS

- 1) Reporting Period: September 1995 Gross Hours: 720
- 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:	720.0	6,551.0	60,946.0
6) Hours Reactor Critical:	720.0	6,380.0	51,212.4
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	720.0	6,374.8	50,817.1
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWh):	2,433,346.0	21,325,534.4	160,785,043.1
11) Gross Elect. Energy (MWh):	831,490.0	7,308,092.0	53,327,881.0
12) Net Elect. Energy (MWh):	801,537.0	7,045,001.0	51,147,731.0
13) Reactor Service Factor:	100.0	97.4	84.0
14) Reactor Availability Factor:	100.0	97.4	84.0
15) Unit Service Factor:	100.0	97.3	83.4
16) Unit Availability Factor:	100.0	97.3	83.4
17) Unit Capacity Factor (MDC NET):	99.4	96.0	74.9
18) Unit Capacity Factor (DER NET):	99.4	96.0	74.9
19) Unit Forced Outage Rate:	0.0	2.7	5.5
20) Unit Forced Outage Hours:	0.0	176.3	2947.6

21) Shutdown Schedule Over Next 6 Months: Refuel Outage 3/2/1996

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: 10/05/1995

Completed by: Chris Pershey

Telephone: 815-458-2801

MONTH: September 1995

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	1110	16)	1119
2)	1076	17)	1121 *
3)	1079	18)	1124 *
4)	1067	19)	1121 *
5)	1113	20)	1115
6)	1113	21)	1118
7)	1117	22)	1129 *
8)	1111	23)	1126 *
9)	1124 *	24)	1041
10)	1122 *	25)	1126 *
11)	1123 *	26)	1128 *
12)	1122 *	27)	1118
13)	1120	28)	1122 *
14)	1120	29)	1125 *
15)	1120	30)	1113

* Due to condenser efficiency

C. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 10/05/95
 Completed by: Chris Pershey .
 Telephone: 815-458-2801

REPORT PERIOD: September 1995

<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>
N/A									

SUMMARY

Unit 2 entered the month of September 1995 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: 10/05/95
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				