B.. OPERATING DATA REPORT

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 02/09/90
COMPILED BY: M. N. Peterson
TELEPHONE: (815)458-2801 ext. 2480

OPERATING STATUS

1. Reporting Period: January, 1990 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

		THIS MONTH	YR TO DATE	CUMULATIVE
5.	Report period Hours:	744	744	13233
6.	Hours Reactor Critical:	720.6	720.6	9817.8
7.	RX Reserve Shutdown Hours:	0.0	0.0	0.0
8.	Hours Generator on Line:	708.7	708.7	9558.3
9.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
10.	Gross Thermal Energy (MWH):	2247211	2247211	27050419
11.	Gross Elec. Energy (MWH):	780701	780701	9260768
12.	Net Elec. Energy (MWH):	752317	752317	8809488
13.	Reactor Service Factor:	96.9	96.9	74.2
14.	Reactor Availability Factor:	96.9	96.9	74.2
15.	Unit Service Factor:	95.3	95.3	72.2
16.	Unit Availability Factor:	95.3	95.3	72.2
17.	Unit Capacity Factor (MDC net):	90.3	90.3	59.4
18.	Unit Capacity Factor (DER net):	90.3	90.3	59.4
19.	Unit Forced Outage Rate:	4.7	4.7	5.3
20.	Unit Forced Outage Hours:	35.3	35.3	535.6

21. Shutdowns Scheduled Over Next 6 Months: None

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

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D. UNIT SHUTDOWNS/REDUCTIONS

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 02/09/90
COMPILED BY: M. K. Peterson
TELEPHONE: (815)458-2801
ext. 2480

REPORT PERIOD: January, 1990

No	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
1	900112	F	35.3	H	3	90-001	NA	NA	During a DC ground investigation an auxiliary relay which provided input to the Electro-Hydraulic System was inadvertently deenergized. This initiated a series of events that resulted in a Low Low Steam Generator Water Level Reactor Trip. The cause of this event was a procedural deficiency. The procedure has been temporarily revised. An evaluation of the methodology and content of the procedure will be conducted.

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

(4957z/6)

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

DOCKET NO.: 50-456
UNIT: Braidwood 1
DATE: 02/09/90
COMPILED BY: M. M. Peterson
TELEPHONE: (815)458-2801 ext. 2480

MONTH: January, 1990

1.	1112	17.	*1134
2.	1118	18.	*1129
3.	*1123	19.	*1134
4.	*1121	20.	*1135
5.	*1122	21.	1086
6.	1117	22.	*1134
7.	1114	23.	*1127
8.	1088	24.	1098
9.	1110	25.	1030
10.	1115	26.	977
11.	1116	27.	897
12.	624	28.	1029
13.	120	29.	1013
14.	330	30.	1084
15.	956	31.	1040
16.	*1133		

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 Efficiencies

Braidwood 1 incurred one forced outage during January as described above.

(4957z/5)

I. Monthly Report for Braidwood Unit 1

A. Summary of Operating Experience

The unit entered the month of January at approximately 97% power. On January 12, 1990 the unit tripped during an investigation of an ESF battery bus ground. The unit was brought critical on January 13, 1990 and synchronized to the grid on January 14, 1990. Power operation continued through the end of the month.