

Exelon Generation Company, LLC  
Braidwood Station  
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Tel. 815-417-2000

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November 12, 2004  
BW040100

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

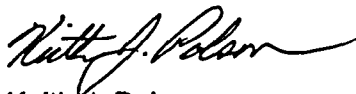
Braidwood Station, Units 1 and 2  
Facility Operating License Nos. NPF-72 and NPF-77  
NRC Docket Nos. STN 50-456 and STN 50-457

Subject: Monthly Operating Report

In accordance with Technical Specification 5.6.4, "Monthly Operating Reports," we are submitting the Monthly Operating Report for Braidwood Station, Units 1 and 2. This report covers the period of October 1, 2004 through October 31, 2004.

If you have any questions regarding this letter, please contact Mr. Dale Ambler, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,



Keith J. Polson  
Plant Manager  
Braidwood Station

Attachment  
DH/law

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Braidwood Station

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**ATTACHMENT**

**BRAIDWOOD STATION UNITS 1 AND 2**

**MONTHLY OPERATING REPORT**

**EXELON GENERATION COMPANY, LLC**

**FACILITY OPERATING LICENSE NOS. NPF-72 AND NPF-77**

**NRC DOCKET NOS. STN 50-456 AND STN 50-457**

Docket No: 50-456  
Unit: Braidwood 1  
Date: 11/02/2004  
Completed by: Don Hildebrant  
Telephone: (815)417-2173

**Braidwood Unit 1** Reporting Period: October 2004

**A. OPERATING DATA REPORT**

Design Electrical Rating (MWe Net)	1187
Maximum Dependable Capacity (MWe Net)	1161

	Month	Year To Date	Cumulative
Hours Reactor Critical (Hours)	286.1	6,861.1	121,728.7
Hours Generator on Line (Hours)	271.0	6,846.0	120,740.8
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	247,244	8,050,560	131,242,747

**B. UNIT SHUTDOWNS**

TYPE	REASON	METHOD
F - Forced	A - Equipment Failure (explain)	1 - Manual
S - Scheduled	B - Maintenance or Test	2 - Manual Trip / Scram
	C - Refueling	3 - Automatic Trip / Scram
	D - Regulatory Restriction	4 - Continuation
	E - Operator Training / Licensee Examination	5 - Other (explain)
	F - Administrative	
	G - Operator Error (explain)	
	H - Other (explain)	

No	Date	Type	Duration Hours	Reason	Method	Cause and Corrective Actions and Comments
1	10/04/2004	S	474	C	1	Scheduled refueling outage

**SUMMARY**

Unit operated normally in coastdown until 10/04/2004 when it was removed from service for a scheduled refueling outage (A1R11). On 10/24/2004 the Unit was returned to service. During power ascension, incore instrumentation problems caused a delay of approximately 33 hours (IR#266631). The Unit reached full power on 10/28/2004 22:00 and operated normally for the remainder of the month.

**C. SAFETY / RELIEF VALVE OPERATIONS**

Date	Valves Actuated	No. & Type Actuation	Plant Condition	Description of Event
None				

Data From: Production Data Bank and Operator Logs

Docket No: 50-457  
Unit: Braidwood 2  
Date: 11/02/2004  
Completed by: Don Hildebrant  
Telephone: (815)417-2173

**Braidwood Unit 2**      Reporting Period:      October 2004

**A. OPERATING DATA REPORT**

Design Electrical Rating (MWe Net)	1155
Maximum Dependable Capacity (MWe Net)	1129

	Month	Year To Date	Cumulative
Hours Reactor Critical (Hours)	745.0	7,320.0	125,753.3
Hours Generator on Line (Hours)	745.0	7,320.0	125,104.9
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	873,692	8,530,172	135,668,972

**B. UNIT SHUTDOWNS**

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>
F - Forced	A - Equipment Failure (explain)	1 - Manual
S - Scheduled	B - Maintenance or Test	2 - Manual Trip / Scram
	C - Refueling	3 - Automatic Trip / Scram
	D - Regulatory Restriction	4 - Continuation
	E - Operator Training / Licensee Examination	5 - Other (explain)
	F - Administrative	
	G - Operator Error (explain)	
	H - Other (explain)	

No	Date	Type	Duration Hours	Reason	Method	Cause and Corrective Actions and Comments
	None					
<b>SUMMARY</b>						
Unit operated normally at full power for the entire month.						

**C. SAFETY / RELIEF VALVE OPERATIONS**

Date	Valves Actuated	No. & Type Actuation	Plant Condition	Description of Event
None				

Data From: Production Data Bank and Operator Logs