

Exelon Generation Company, LLC      www.exeloncorp.com  
Braidwood Station  
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Braceville, IL 60407-9619  
Tel. 815-417-2000

March 12, 2004  
BW040030

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 February 1, 2004 through February 29, 2004.

If you have any questions regarding this letter, please contact Ms. Kelly Root, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,



Keith Polson  
Plant Manager  
Braidwood Station

Attachment  
DH/law

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

IE24

**bcc: Project Manager, NRR – Braidwood Station  
Office of Nuclear Safety – Illinois Emergency Management Agency  
Manager of Energy Practice – Winston & Strawn  
Site Vice President – Braidwood Station  
Vice President – Licensing and Regulatory Affairs  
Regulatory Assurance Manager – Braidwood Station  
Director, Licensing and Regulatory Affairs  
Manager, Licensing – Braidwood, Byron and LaSalle County Stations  
Nuclear Licensing Administrator – Braidwood and Byron Stations  
Exelon Document Control Desk Licensing (Hard Copy)  
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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: 03/08/2004  
 Completed by: Don Hildebrant  
 Telephone: (815)417-2173

**Braidwood Unit 1** Reporting Period: February 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)	696.0	1,440.0	116,307.6
Hours Generator on Line (Hours)	696.0	1,440.0	115,334.8
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	837,157	1,706,075	124,898,262

**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
	None					

**SUMMARY**  
 The Unit operated normally at full power for the entire month except for a reduction on 02/04/04 through 02/06/2004 resulting in a 4143 MWh loss. The load reduction was made to install a tracer injection port at Heater 17A.

**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: 03/08/2004  
 Completed by: Don Hildebrant  
 Telephone: (815)417-2173

**Braidwood Unit 2** Reporting Period: February 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)	696.0	1,440.0	119,873.3
Hours Generator on Line (Hours)	696.0	1,440.0	119,224.9
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	819,381	1,689,163	128,827,963

**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
	None					

**SUMMARY**  
 The Unit operated normally at full power for the entire month except for a reduction on 02/08/04 to perform a Throttle/Governor Valve test and resulting in a 1133 MWh loss.

**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