

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

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January 13, 2004  
BW040005

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 December 1, 2003 through December 31, 2003.

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

Respectfully,



T. P. Joyce  
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: 01/06/2004  
Completed by: Don Hildebrant  
Telephone: (815)417-2173

**Braidwood Unit 1** Reporting Period: December 2003

**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)	744.0	8,363.1	114,867.6
Hours Generator on Line (Hours)	744.0	8,352.0	113,894.8
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	898,462	10,094,767	123,192,187

**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>						
The Unit performed normally at full load until 12/31/03 when load was reduced to 25% power to perform maintenance on valve 1FW009A. CR 192791 describes this event.						

**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: 01/06/2004  
Completed by: Don Hildebrant  
Telephone: (815)417-2173

**Braidwood Unit 2** Reporting Period: December 2003

**A. OPERATING DATA REPORT**

Design Electrical Rating (MWe Net)	1155
Maximum Dependable Capacity (MWe Net)	1154

	Month	Year To Date	Cumulative
Hours Reactor Critical (Hours)	719.8	8,377.8	118,433.3
Hours Generator on Line (Hours)	694.0	8,337.5	117,784.9
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	804,786	9,932,165	127,138,800

**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
3	12/03/2003	F	50.62	A	3	A2F37 caused by old broken tie wrap blocking switch contacts.

**SUMMARY**

The Unit performed normally at full power except for a Unit trip on 12/03/03 caused by control problems on a Feed Pump Turbine during routine testing. Following Feed Pump Turbine repairs, returning the Unit to full power was delayed due to several FW Heater relief valve failures. CR 188874 and 189150 describe these issues.

**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