

Exelon Generation Company, LLC
Braidwood Station
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April 15, 2005
BW050035

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 March 1, 2005 through March 31, 2005.

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

Respectfully,



Gregory A. Boerschig
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: 04/13/2005
Completed by: Don Hildebrant
Telephone: (815)417-2173

Braidwood Unit 1 Reporting Period: March 2005

A. OPERATING DATA REPORT

Design Electrical Rating (MWe Net)	1187
Maximum Dependable Capacity (MWe Net)	1156

	Month	Year To Date	Cumulative
Hours Reactor Critical (Hours)	744.0	2,160.0	125,352.7
Hours Generator on Line (Hours)	744.0	2,160.0	124,364.8
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	898,152	2,603,412	135,602,786

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					
SUMMARY						
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

Docket No: 50-457
Unit: Braidwood 2
Date: 04/13/2005
Completed by: Don Hildebrant
Telephone: (815)417-2173

Braidwood Unit 2 Reporting Period: March 2005

A. OPERATING DATA REPORT

Design Electrical Rating (MWe Net)	1155
Maximum Dependable Capacity (MWe Net)	1131

	Month	Year To Date	Cumulative
Hours Reactor Critical (Hours)	671.2	2,087.2	129,288.6
Hours Generator on Line (Hours)	661.0	2,077.0	128,618.9
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	772,223	2,434,468	139,774,248

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
1	03/28/2005	F	106.25	A	3	On 03/28/2005 at 12:46 a failure in a generator bushing caused a Unit trip. Repairs were made and the Unit was returned to normal service on 04/01/2005 at 23:01.
SUMMARY						
Unit operated normally at full power until 03/28/2005 at 12:46 when a failure in a generator bushing caused a Unit trip and loss of generation 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