

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

June 13, 2005
BW050055

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 May 1, 2005 through May 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

IE24

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: 06/02/2005
Completed by: Don Hildebrant
Telephone: (815)417-2173

Braidwood Unit 1 Reporting Period: May 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	3,623.0	126,815.7
Hours Generator on Line (Hours)	744.0	3,623.0	125,827.8
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	891,431	4,358,444	137,357,818

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						
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: 06/02/2005
Completed by: Don Hildebrant
Telephone: (815)417-2173

Braidwood Unit 2 Reporting Period: May 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)	657.7	3,151.1	130,352.5
Hours Generator on Line (Hours)	647.0	3,107.0	129,648.9
Unit Reserve Shutdown (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	721,175	3,563,958	140,903,738

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
2	04/17/2005 through 05/05/2005	S	97.35	C	4	Refueling Outage A2R11 (Reactor Critical 05/04/2005 14:21) (Generator Sync 05/05/2005 01:21)

SUMMARY

Unit returned from A2R11 refueling outage on 05/05/2005 and operated normally at full power except for a minor load reduction on 05/15/2005 to swap Feedwater pumps.

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