

Exelon Generation Company, LLC      www.exeloncorp.com  
Braidwood Station  
35100 South Rt 53, Suite 84  
Braceville, IL 60407-9619  
Tel 815-417-2000

September 13, 2002  
BW020101

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 August 1, 2002 through August 31, 2002.

If you have any questions regarding this letter, please contact Ms. Amy Ferko, Regulatory Assurance Manager, at (815) 417-2699.

Respectfully,



Tom Joyce  
Plant Manager  
Braidwood Station

Attachment

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: 09/01/2002  
 Completed by: Don Hildebrant  
 Telephone: (815)417-2173

**Braidwood Unit 1** REPORTING PERIOD: August 2002

**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	5,831.0	103,575.5
Hours Generator on Line (Hours)	744.0	5,831.0	102,613.8
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (Mwh)	887,374	7,042,302	109,527,482

**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 performed normally at full load for the entire month.						

**C. SAFETY / RELIEF VALVE OPERATIONS**

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

Docket No: 50-457  
 Unit: Braidwood 2  
 Date: 09/01/2002  
 Completed by: Don Hildebrant  
 Telephone: (815)417-2173

**Braidwood Unit 2** REPORTING PERIOD: August 2002

**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)	705.6	5,268.2	107,126.6
Hours Generator on Line (Hours)	699.7	5,252.7	106,600.4
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (Mwh)	794,178	6,070,153	113,827,304

**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
2	08/28/2002	F	38.4	A	1	On 08/27/2002 Unit 2 experienced an unexpected Control Rod Drop. On 08/28/2002 the Unit was removed from service to make repairs to the Control Rod System. The Unit was returned to normal service on 08/30/2002.

**\*\*\*SUMMARY\*\*\***

The Unit performed normally at full load until the event described above. Upon returning to service the Unit was brought to full load and performed normally for the remainder of the month.

**C. SAFETY / RELIEF VALVE OPERATIONS**

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