

# AmerGen<sup>SM</sup>

An Exelon Company

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Clinton Power Station  
R. R. 3, Box 228  
Clinton, IL 61727

10CFR50.36

U-603720  
March 14, 2005

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Clinton Power Station, Unit 1  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Subject: February 2005 Monthly Operating Report

Please find in the Attachment the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending February 28, 2005.

Respectfully,

*W.S. Iloff*

W. S. Iloff  
Regulatory Assurance Manager  
Clinton Power Station

JLP/blf

Attachment

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Clinton Power Station  
Illinois Emergency Management Agency – Division of Nuclear Safety

*IE24*

**OPERATING DATA REPORT**  
Attachment to U-603720

DOCKET NO. 50-461  
 UNIT NAME Clinton 1  
 DATE March 11, 2005  
 COMPLETED BY P. K. Ryan  
 TELEPHONE 217-937-2201

REPORTING PERIOD: February 2005

1. Design Electrical Rating	<u>1,062.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>1,022.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>520.98</u>	<u>1,264.98</u>	<u>106,819.18</u>
4. Number of Hours Generator On-line	<u>516.20</u>	<u>1,260.20</u>	<u>104,397.54</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>4.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>494,330.00</u>	<u>1,224,150.00</u>	<u>93,748,453.48</u>

**UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
C1F45	02/22/2005	F	155.80	A	1	Repairs of the extraction steam piping in the main condenser are in progress.

**SUMMARY:** Clinton experienced a forced loss when the 4B feedwater heater developed an extraction steam supply leak inside the main condenser. This required a normal plant (soft) shutdown to set the conditions necessary for the repairs.

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| <p><b>1 Reason:</b></p> <ul style="list-style-type: none"> <li>A Equipment Failure (Explain)</li> <li>B Maintenance or Test</li> <li>C Refueling</li> <li>D Regulatory Restriction</li> <li>E Operator Training &amp; License Examination</li> <li>F Administration</li> <li>G Operational Error (Explain)</li> <li>H Other (Explain)</li> </ul> | <p><b>2 Method:</b></p> <ul style="list-style-type: none"> <li>1 Manual</li> <li>2 Manual Trip/Scram</li> <li>3 Automatic Trip/Scram</li> <li>4 Continuation</li> <li>5 Other (Explain)</li> </ul> |
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Challenges to Main Steam Safety Relief Valves: None