

Exelon Nuclear  
Limerick Generating Station  
P.O. Box 2300  
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T.S. 6.9.1.6

Aug. 15, 2002

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

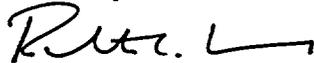
Limerick Generating Station, Units 1 and 2  
Facility Operating License Nos. NPF-39 and NPF-85  
NRC Docket Nos. 50-352 and 50-353

Subject: Monthly Operating Reports for July 2002

Enclosed are the monthly operating reports for Limerick Units 1 and 2 for the month of July 2002 forwarded pursuant to Technical Specification 6.9.1.6 and the guidance of GL 97-02.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,



Robert C. Braun  
Plant Manager

### Attachments

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, LGS USNRC Senior Resident Inspector

IE24

Unit: Limerick 1  
 Docket No: 50-352  
 Date: 8/15/02  
 Completed by: Greg Lee  
 Telephone: (610)718-3707

A. OPERATING DATA  
 REPORT REPORTING PERIOD-July 2002

Design Electrical Rating (MWe-Net)	1191
Maximum Dependable Capacity (MWe-Net)	1134

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.0	4,640.2	126,195.4
Hours Generator On-Line (Hours)	744.0	4,572.0	124,236.1
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	843,688	5,023,803	127,505,802

B. UNIT SHUTDOWN

No.	Date (yymmdd)	Type	Duration (Hours)	Reason	Method	Corrective Actions/Comments
			None During July			

SUMMARY

Unit 1 began the month of July 2002 at 100% of rated thermal power (RTP).

There were no power changes in July 2002

Unit 1 ended the month of July 2002 at 100% RTP

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/License Examination	5-Other (Explain)
	F-Administrative	
	G-Operational Error (Explain)	
	H-Other (Explain)	

C. SAFETY/RELIEF VALVE OPERATION

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

Unit: Limerick 2  
 Docket No: 50-353  
 Date: 8/15/02  
 Completed by: Greg Lee  
 Telephone: (610)718-3707

A. OPERATING DATA  
 REPORT REPORTING PERIOD-July 2002

Design Electrical Rating (MWe-Net)	1191
Maximum Dependable Capacity (MWe-Net)	1134

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	678.5	5,021.5	102,454.5
Hours Generator On-Line (Hours)	656.1	4,999.1	100,762.0
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	724,112	5,761,169	107,385,893

B. UNIT SHUTDOWN

No.	Date (yymmdd)	Type	Duration (Hours)	Reason	Method	Corrective Actions/Comments
1	020723	F	84.9	A	2	2F31 Reactor scram due to loss of condenser vacuum.

SUMMARY

Unit 2 began the month of July 2002 at 100% of rated thermal power (RTP).  
 On July 23<sup>rd</sup> at 16:13 hours, reactor power was reduced due to decreasing condenser vacuum. At 16:32 hours and 74% RTP, the main turbine was manually tripped and the reactor was manually scrammed due to decreasing condenser vacuum.  
 On July 26<sup>th</sup> at 10:00 hours, reactor criticality was achieved.  
 On July 27<sup>th</sup> at 05:24 hours, the main generator was synchronized to the grid at 20% RTP. At 08:44 hours, the main generator was tripped for turbine overspeed testing. At 11:44 hours, the main generator was re-synchronized to the grid at 18% RTP.  
 On July 28<sup>th</sup> at 08:22 hours, reactor power was restored to 100% RTP. At 22:00 hours, reactor power was reduced from 97% to 78% RTP for rod pattern adjustment.  
 On July 29<sup>th</sup> at 03:11 hours, reactor power was restored to 100% RTP. At 23:00 hours, reactor power was reduced to 96% RTP to perform troubleshooting of the Condenser Air Removal System.  
 On July 30<sup>th</sup> at 00:09 hours, reactor power was restored to 100% RTP.  
 On July 31<sup>st</sup>, at 22:00 hours, reactor power was reduced to 98% RTP to repair the 2A recirculation pump controller. At 23:27 hours, reactor power was restored to 100% RTP.  
 Unit 2 ended the month of July 2002 at 100% RTP.

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/License Examination	5-Other (Explain)
	F-Administrative	
	G-Operational Error (Explain)	
	H-Other (Explain)	

C. SAFETY/RELIEF VALVE OPERATION

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