

Exelon Nuclear  
Limerick Generating Station  
P.O. Box 2300  
Pottstown, PA 19464

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T.S. 6.9.1.6

May 14, 2004

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

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Subject: Monthly Operating Report for April 2004

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of April 2004 forwarded pursuant to Technical Specification 6.9.1.6 and the guidance of NRC Generic Letter 97-02. The attached monthly operating report data has also been entered into the INPO Consolidated Database for the month of April 2004 for Units 1 and 2.

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

Sincerely,



Bryan C. Hanson  
Plant Manager-LGS

Attachments

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

IE24

bcc: R. DeGregorio - GML 5-1  
B. Hanson - GML 5-1  
C. Mudrick - SSB 3-1  
E. Kelly - SSB 3-1  
K. Kemper - SSB 2-4  
S. Gamble - SSB 2-4  
R. McCall - SSB 2-3  
J. Toro - SMB 1-2  
G. Lee - SSB 3-1  
J. Grimes - KSA 2N  
D. Dyckman (PABRP) SSB 2-4

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Unit: Limerick 1  
 Docket No: 50-352  
 Date: 5/14/04  
 Completed by: Greg Lee  
 Telephone: (610) 718-3707

**A. OPERATING DATA**  
**REPORT REPORTING PERIOD-April 2004**

Design Electrical Rating (MWe-Net)	1191.00
Maximum Dependable Capacity (MWe-Net)	1134.00

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	719.00	2,508.17	141,074.64
Hours Generator On-Line (Hours)	719.00	2,464.38	139,045.58
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	843,187.00	2,740,189.00	144,566,478.00

**B. UNIT SHUTDOWN**

No.	Date (yyymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None during April 2004			

**SUMMARY**  
 Unit 1 began the month of April 2004 at 100% of rated thermal power (RTP).  
 There were no power changes during the month of April 2004.  
 Unit 1 ended the month of April 2004 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 April 2004		

Unit: Limerick 2  
 Docket No: 50-353  
 Date: 5/14/04  
 Completed by: Greg Lee  
 Telephone: (610) 718-3707

**A. OPERATING DATA**  
**REPORT REPORTING PERIOD-April 2004**

Design Electrical Rating (MWe-Net)	1191.00
Maximum Dependable Capacity (MWe-Net)	1134.00

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	719.00	2,903.00	117,353.10
Hours Generator On-Line (Hours)	719.00	2,903.00	115,590.72
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	837,783.00	3,398,959.00	124,420,325.00

**B. UNIT SHUTDOWN**

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None during April 2004			

**SUMMARY**

Unit 2 began the month of April 2004 at 99.9% of rated thermal power (RTP).

On April 7<sup>th</sup> at 22:06 hours, reactor power was reduced from 100% to 97% RTP for channel bow testing. At 23:57 hours, reactor power was restored to 100% RTP.

On April 9<sup>th</sup> at 22:04 hours, reactor power was reduced from 100% to 85% RTP for scram time and channel bow testing.

On April 10<sup>th</sup> at 12:35 hours, reactor power was restored to 100% RTP.

On April 20<sup>th</sup> at 09:16 hours, reactor power was reduced from 100% to 99% RTP during isolation of the 3A and 4A feedwater heaters. At 17:33 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of April 2004 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 April 2004		