

Exelon Nuclear  
Limerick Generating Station  
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Pottstown, PA 19464

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T.S. 6.9.1.6

October 15, 2003

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 Report for September 2003

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of September 2003 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 September 2003 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

**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  
J. Humphreys - KSA 3G  
D. Dyckman (PABRP) SSB 2-4

Unit: Limerick 1  
Docket No: 50-352  
Date: 10/15/03  
Completed by: Greg Lee  
Telephone: (610) 718-3707

A. OPERATING DATA  
REPORT REPORTING PERIOD-September 2003

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	720.00	6,489.10	136,357.50
Hours Generator On-Line (Hours)	720.00	6,463.10	134,372.20
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	820,071.00	7,474,088.00	139,242,912.00

B. UNIT SHUTDOWN

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None During September 2003			

SUMMARY

Unit 1 began the month of September 2003 at 99.9% of rated thermal power (RTP).

On September 5<sup>th</sup> at 03:36 hours reactor power was reduced from 100.1% to 97.9% RTP for channel bow testing. At 04:09 hours, reactor power was restored to 99.9% RTP. At 22:02 hours, reactor power was reduced from 99.9% RTP to 72.7% RTP for MSIV/TSV testing, rod pattern adjustment, scram time testing and channel bow testing.

On September 7<sup>th</sup> at 02:53 hours, reactor power was restored to 99.9% RTP. At 04:04 hours reactor power was reduced from 100.1% RTP to 98.2% RTP for rod pattern adjustments. At 05:00 hours, reactor power was restored to 99.9% RTP.

Unit 1 ended the month of September 2003 at 100.0% 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 September 2003		

Unit: Limerick 2  
Docket No: 50-353  
Date: 10/15/03  
Completed by: Greg Lee  
Telephone: (610)718-3707

A. OPERATING DATA  
REPORT REPORTING PERIOD-September 2003

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	720.00	6,113.60	112,241.10
Hours Generator On-Line (Hours)	720.00	6,043.70	110,478.70
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	812,107.00	6,795,966.00	118,430,209.00

B. UNIT SHUTDOWN

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None during September 2003			

SUMMARY

Unit 2 began the month of September 2003 at 99.9% of rated thermal power (RTP).

On September 11<sup>th</sup> at 22:02 hours, reactor power was reduced from 99.8% RTP to 95.9% RTP for scram time testing.

On September 12<sup>th</sup> at 02:01 hours, reactor power was restored to 99.9% RTP. At 22:03 hours, reactor power was reduced from 99.9% RTP to 57.7% RTP for MSIV/TSV testing, rod pattern adjustment, scram time testing and channel bow testing.

On September 14<sup>th</sup> at 19:24 hours, reactor power was restored to 99.8% RTP.

On September 19<sup>th</sup> at 22:03 hours, reactor power was reduced from 99.9% RTP to 63.0% RTP for rod pattern adjustments.

On September 21<sup>st</sup> at 06:03 hours, reactor power was restored to 99.6% RTP.

Unit 2 ended the month of September 2003 at 99.9% 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 September 2003		