

Exelon Nuclear
Limerick Generating Station
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T.S. 6.9.1.6

January 15, 2004

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

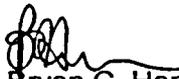
Limerick Generating Station, Units 1 and 2
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352 and 50-353

Subject: Monthly Operating Report for December 2003

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of December 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 December 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-LGS

Attachments

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

JEZ

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

Unit: Limerick 1
 Docket No: 50-352
 Date: 1/15/04
 Completed by: Greg Lee
 Telephone: (610) 718-3707

**A. OPERATING DATA
 REPORT REPORTING PERIOD-December 2003**

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.00	8,698.07	138,566.47
Hours Generator On-Line (Hours)	744.00	8,672.10	136,581.20
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	873,932.00	10,057,465.00	141,826,289.00

B. UNIT SHUTDOWN

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

SUMMARY

Unit 1 began the month of December 2003 at 100.0% of rated thermal power (RTP).
On December 4 th at 22:01 hours, reactor power was reduced from 100.0% RTP to 89.6% RTP for channel bow testing.
On December 5 th at 09:24 hours, reactor power was restored to 100.0% RTP.
On December 9 th at 22:13 hours, reactor power was reduced from 99.9% RTP to 80.6% RTP for channel bow testing.
On December 11 th at 01:51 hours, reactor power was restored to 99.9% RTP.
On December 12 th at 22:29 hours, reactor power was reduced from 99.9% RTP to 84.2% RTP for quarterly MSIV and turbine valve testing and rod pattern adjustment.
On December 13 th at 10:56 hours, reactor power was restored to 100.0% RTP.
On December 28 th at 15:04 hours, reactor power was reduced from 99.9% RTP to 94.6% RTP for reactor low water level.
On December 29 th at 02:39 hours, reactor power was restored to 99.9% RTP.
Unit 1 ended the month of December 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 December 2003		

Unit: Limerick 2
 Docket No: 50-353
 Date: 1/15/04
 Completed by: Greg Lee
 Telephone: (610)718-3707

A. OPERATING DATA
REPORT REPORTING PERIOD-December 2003

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.00	8,322.60	114,450.10
Hours Generator On-Line (Hours)	744.00	8,252.72	112,687.72
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	878,113.00	9,387,123.00	121,021,366.00

B. UNIT SHUTDOWN

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

SUMMARY

Unit 2 began the month of December 2003 at 100.0% of rated thermal power (RTP).

On December 5th at 22:03 hours, reactor power was reduced from 99.9% RTP to 93.1% RTP for quarterly MSIV and turbine valve testing.

On December 6th at 06:31 hours, reactor power was restored to 99.9% RTP.

On December 11th at 22:08 hours, reactor power was reduced from 100.0% RTP to 99.3% RTP for channel bow testing. At 23:01 hours, reactor power was restored to 99.7% RTP.

Unit 2 ended the month of December 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 December 2003		