

Exelon Nuclear  
Limerick Generating Station  
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Pottstown, PA 19464

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T.S. 6.9.1.6

September 15, 2003

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

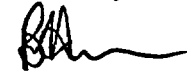
Limerick Generating Station, Units 1 and 2  
Facility Operating License Nos. NPF-39 and NPF-85  
NRC Docket Nos. 50-352 and 50-353

Subject: Monthly Operating Report for August 2003

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of August 2003 forwarded pursuant to Technical Specification 6.9.1.6 and the guidance of NRC Generic Letter 97-02.

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

JE24

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: 9/15/03  
 Completed by: Greg Lee  
 Telephone: (610) 718-3707

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

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.0	5,769.1	135,637.5
Hours Generator On-Line (Hours)	744.0	5,743.1	133,652.2
Unit Reserve Shutdown Hours (Hours)	0	0	0
Net Electrical Energy (MWh)	845,147	6,654,017	138,422,841

**B. UNIT SHUTDOWN**

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

**SUMMARY**

Unit 1 began the month of August 2003 at 100% of rated thermal power (RTP).

There were no power changes this month on Unit 1.

Unit 1 ended the month of August 2003 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 August 2003		

Unit: Limerick 2  
 Docket No: 50-353  
 Date: 9/15/03  
 Completed by: Greg Lee  
 Telephone: (610)718-3707

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

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.0	5,393.6	111,521.1
Hours Generator On-Line (Hours)	717.0	5,323.7	109,758.7
Unit Reserve Shutdown Hours (Hours)	0	0	0
Net Electrical Energy (MWh)	774,301	5,983,859	117,618,102

**B. UNIT SHUTDOWN**

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
2	030801	F	27.0	B	1	2M32-Stator Water Cooling System Repair

SUMMARY
Unit 2 began the month of August 2003 at 100% of rated thermal power (RTP).
On August 1 <sup>st</sup> at 22:03 hours, reactor power was reduced from 99.9% to 20% for repairs to the stator water cooling system.
On August 2 <sup>nd</sup> at 04:01 hours, the main turbine was tripped.
On August 3 <sup>rd</sup> at 07:00 hours, the main generator was synchronized to the grid.
On August 5 <sup>th</sup> at 21:11 hours, reactor power was restored to 100% RTP.
On August 6 <sup>th</sup> at 22:01 hours, reactor power was reduced from 98.6% RTP to 52.0% RTP for rod pattern adjustments.
On August 9 <sup>th</sup> at 10:14 hours, reactor power was restored to 100% RTP.
Unit 2 ended the month of August 2003 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 August 2003		