

Exelon Nuclear  
Limerick Generating Station  
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Nuclear

T.S. 6.9.1.6

May 15, 2003

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

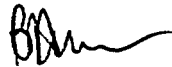
Limerick Generating Station, Units 1 and 2  
Facility Operating License Nos. NPF-39 and NPF-85  
NRC Docket Nos. 50-352 and 50-353

Subject: Monthly Operating Report for April 2003

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

IE24

Unit: Limerick 1  
Docket No: 50-352  
Date: 5/15/03  
Completed by: Greg Lee  
Telephone: (610) 718-3707

A. OPERATING DATA  
REPORT REPORTING PERIOD-April 2003

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	657.1	2,817.1	132,685.5
Hours Generator On-Line (Hours)	631.1	2,791.1	130,700.2
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	720,062	3,269,002	135,037,826

B. UNIT SHUTDOWN

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method of SD Rx	Corrective Actions/Comments
1	030423	F	87.9	H	3	1F38 Reactor Scram due to loss of RFP suction pressure.

SUMMARY

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

On April 23<sup>rd</sup> at 02:07 hours, the reactor was automatically scrammed at 100% RTP due to loss of Reactor Feed Pump (RFP) suction pressure. At 02:09 hours, the turbine was tripped.

On April 25<sup>th</sup> at 16:03 hours, reactor criticality was achieved.

On April 26<sup>th</sup> at 16:13 hours, the main generator was synchronized to the grid at 19% RTP. At 20:11 hours, the main generator was tripped at 21% RTP. At 22:00 hours, the main generator was resynchronized to the grid at 21% RTP.

On April 27<sup>th</sup> at 18:36 hours, reactor power was restored to 100% RTP.

On April 28<sup>th</sup> at 01:55 hours, reactor power was reduced from 100% to 95% RTP for rod pattern adjustment. At 05:30 hours, reactor power was restored to 100% RTP.

Unit 1 ended the month of April 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 April 2003		

Unit: Limerick 2  
Docket No: 50-353  
Date: 5/15/03  
Completed by: Greg Lee  
Telephone: (610)718-3707

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

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

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	719.0	2,441.6	108,569.1
Hours Generator On-Line (Hours)	719.0	2,398.7	106,833.7
Unit Reserve Shutdown Hours (Hours)	0.0	0.0	0.0
Net Electrical Energy (MWh)	799,259	2,684,323	114,318,566

**B. UNIT SHUTDOWN**

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

**SUMMARY**

Unit 2 began the month of April 2003 at 100% of rated thermal power (RTP).

On April 5<sup>th</sup> at 22:01 hours, reactor power was reduced from 100% to 87% RTP for control rod exercise test.

On April 6<sup>th</sup> at 01:00 hours, reactor power was restored to 100% RTP.

On April 9<sup>th</sup> at 10:26 hours, reactor power was reduced from 100% to 57% RTP for power suppression testing.

On April 13<sup>th</sup> at 21:08 hours, reactor power was restored to 100% RTP.

On April 14<sup>th</sup> at 02:24 hours, reactor power was reduced from 99% to 90% RTP for rod pattern adjustment. At 19:24 hours, reactor power was restored to 100% RTP.

On April 15<sup>th</sup> at 22:01 hours, reactor power was reduced from 99% to 89% RTP for rod pattern adjustment.

On April 16<sup>th</sup> at 07:37 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of April 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 April 2003		