

October 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 September 2004

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of September 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 September 2004 for Units 1 and 2.

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

Sincerely,
Original signed by Bryan C. Hanson

Bryan C. Hanson
Plant Manager-LGS

Attachments

cc: S. Collins, Administrator, Region I, USNRC
S. Hansell, LGS USNRC Senior Resident Inspector

Unit: Limerick 1
Docket No: 50-352
Date: 10/15/04
Completed by: Greg Lee
Telephone: (610) 718-3707

A. OPERATING DATA
REPORT REPORTING PERIOD-September 2004

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	6,180.17	144,746.64
Hours Generator On-Line (Hours)	720.00	6,136.38	142,717.58
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	823,001.00	6,952,178.00	148,778,467.00

B. UNIT SHUTDOWN

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

SUMMARY

Unit 1 began the month of September 2004 at 100% of rated thermal power (RTP).

On September 9th at 22:06 hours, reactor power was reduced from 99.9% RTP to 99.3% RTP for scram time testing.

On September 10th at 01:00 hours, reactor power was restored to 99.8% RTP. At 22:02 hours, reactor power was reduced from 99.9% RTP to 66.6% RTP for the post summer readiness load drop.

On September 11th at 23:06 hours, reactor power was restored to 99.9% RTP.

On September 15th at 16:11 hours, reactor power was reduced from 99.9% RTP to 98.0% RTP to investigate a potential reactor overpower condition.

On September 16th at 12:17 hours, ENS 41043 was submitted to NRC concerning the overpower event on Unit 1.

On September 20th at 02:39 hours, reactor power was restored to 99.9% RTP.

Unit 1 ended the month of September 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 September 2004		

Unit: Limerick 2
Docket No: 50-353
Date: 10/15/04
Completed by: Greg Lee
Telephone: (610) 718-3707

A. OPERATING DATA

REPORT REPORTING PERIOD-September 2004

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	6,544.13	120,994.23
Hours Generator On-Line (Hours)	720.00	6,525.02	119,212.74
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	755,828.00	7,412,197.00	128,433,563.00

B. UNIT SHUTDOWN

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

SUMMARY

Unit 2 began the month of September 2004 at 100% of rated thermal power (RTP).

On September 2nd at 22:16 hours, reactor power was reduced from 99.9% RTP to 99.4% RTP for scram time testing.

On September 3rd at 04:54 hours, reactor power was restored to 99.9% RTP. At 22:02 hours, reactor power was reduced from 100% RTP to 64.0% RTP for the post summer readiness load drop.

On September 5th at 23:07 hours, reactor power was restored to 99.9% RTP.

On September 6th at 01:30 hours, reactor power was reduced from 99.9% RTP to 97.6% RTP for maintenance on the 2B Recirculation Pump MG Set. At 09:42 hours, reactor power was restored to 100% RTP. At 23:00 hours, reactor power was reduced from 99.9% RTP to 97.1% RTP for maintenance on the 2B Recirculation Pump MG Set. At 23:45 hours, reactor power was restored to 99.9% RTP.

On September 12th at 09:58 hours, reactor power was reduced from 99.9% RTP to 98.7% RTP for maintenance on the 2B Recirculation Pump MG Set. At 13:13 hours, reactor power was restored to 100% RTP.

On September 13th at 19:42 hours, reactor power was reduced from 99.7% RTP to 98.7% RTP for maintenance on the 2B Recirculation Pump MG Set. At 21:54 hours, reactor power was restored to 100% RTP.

On September 16th at 22:00 hours, reactor power was reduced from 99.8% RTP to 89.1% RTP for rod pattern adjustment.

On September 17th at 02:33 hours, reactor power was restored to 99.8% RTP.

On September 22nd at 00:46 hours, reactor power was reduced from 99.9% RTP to 98.3% RTP for maintenance on the 2B Recirculation Pump MG Set. At 03:13 hours, reactor power was restored to 100% RTP.

On September 24th at 09:59 hours, reactor power was reduced from 99.5% RTP to 97.6% RTP for maintenance of the 2B Recirculation Pump MG Set. At 13:23 hours, reactor power was reduced from 97.6% RTP to 65.5% RTP for 5A Feedwater Heater maintenance.

Unit 2 ended the month of September 2004 at 98.3% RTP as a result of the 5A Feedwater Heater maintenance power ascension.

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 2004		