



Nuclear

T.S.6.9.1.6

May 10, 2001

Docket Nos. 50-352

50-353

License Nos. NPF-39

NPF-85

U. S. Nuclear Regulatory Commission

Attn: Document Control Desk

Washington, DC 20555

Subject: Limerick Generating Station  
Monthly Operating Report For Units 1 and 2

Enclosed are the monthly operating reports for Limerick Units 1 and 2 for the month of April 2001 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Braun", with a stylized flourish at the end.

Robert C. Braun

Plant Manager

ksm

A handwritten signature in black ink, appearing to read "ksm", with a stylized flourish at the end.

Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC  
A. L. Burritt, USNRC Senior Resident Inspector LGS  
W. Levis, Vice President, LGS  
J. M. Armstrong, Director-Site Engineering, LGS  
S. T. Gamble, LGS Experience Assessment Branch, SSB2-4  
P. R. Driehaus, Jr., LGS ISEG Branch, SMB-2-5

IE24

Limerick Generating Station  
Unit 1  
April 1 through April 30, 2001

I. Narrative Summary of Operating Experiences

Unit 1 began the month of April 2001 at 100% of rated thermal power (RTP).

There were no reactor power changes on Unit 1 during the month.

Unit 1 ended the month of April 2001 at 100% RTP.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of April. There have been no challenges to the Main Steam Safety Relief Valves on Unit 1 year-to-date.

# OPERATING DATA REPORT

DOCKET NO. 50-352  
DATE MAY 10, 2001  
COMPLETED BY EXELON CORPORATION  
K. S. McLAUGHLIN  
REPORTS ENGINEER  
SITE ENGINEERING  
LIMERICK GENERATING STATION  
TELEPHONE (610) 718-3594

## OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 1  
2. REPORTING PERIOD: APRIL 2001  
3. DESIGN ELECTRICAL RATING: 1143  
4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1183  
5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1143

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,861.6	115,674.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	719.0	2,854.9	113,783.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	839,154	3,348,989	115,697,889

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE MAY 10, 2001  
 COMPLETED BY EXELON CORPORATION  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH APRIL 2001

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
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(1)  
 Type  
 F -- Forced  
 S -- Scheduled

(2)  
 Reason  
 A -- Equipment Failure  
 B -- Maintenance or Test  
 C -- Refueling  
 D -- Regulatory Restriction  
 E -- Operational Training & License Examination  
 F -- Administrative  
 G -- Operational Error (Explain)  
 H -- Other (Explain)

(3)  
 Method  
 1 -- Manual  
 2 -- Manual Scram  
 3 -- Automatic Scram  
 4 -- Other (Explain)

Limerick Generating Station  
Unit 2  
April 1 through April 30, 2001

I. Narrative Summary of Operating Experiences

Unit 2 began the month of April 2001 at 83% of rated thermal power (RTP).

On April 1<sup>st</sup> at 0100 hours, reactor power was reduced to 76% RTP to return the 2C reactor feed pump to service. On April 1<sup>st</sup> at 0440 hours, reactor power was restored to 82% RTP.

On April 2<sup>nd</sup> at 0100 hours, reactor power was reduced to 76% RTP to remove 2B reactor feed pump and 2C condensate pump from service. On April 2<sup>nd</sup> at 0230 hours, reactor power was restored to 81% RTP.

On April 4<sup>th</sup> at 1000 hours, reactor power was reduced in preparation for the 2R06 refuel outage. On April 4<sup>th</sup> at 1450 hours with power reduced to 20% RTP, the reactor was manually scrammed to begin refueling outage 2R06.

On April 19<sup>th</sup> at 1620 hours, reactor criticality was achieved.

On April 20<sup>th</sup> at 2250 hours, the main generator was synchronized to the grid at 10% RTP. At 2356 hours the main generator was tripped due to high vibration on the main turbine. On April 21<sup>st</sup> at 0252 hours, the main generator was re-synchronized to the grid at 22% RTP. On April 23<sup>rd</sup> at 1200 hours reactor power was restored to 100% RTP.

On April 23<sup>rd</sup> at 2200 hours, reactor power was reduced from 97% to 70% RTP for a rod pattern adjustment. On April 24<sup>th</sup> at 0845 hours, reactor power was restored to 100% RTP.

On April 27<sup>th</sup> at 2200 hours, reactor power was reduced to 70% RTP for a rod pattern adjustment. On April 28<sup>th</sup> at 1353 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of April 2001 at 100% RTP.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of April. There has been one challenge to the Main Steam Safety Relief Valves on Unit 2 year-to-date.

# OPERATING DATA REPORT

DOCKET NO. 50-353  
 DATE MAY 10, 2001  
 COMPLETED BY EXELON CORPORATION  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

## OPERATING STATUS

1. UNIT NAME: LIMERICK UNIT 2  
 2. REPORTING PERIOD: APRIL 2001  
 3. DESIGN ELECTRICAL RATING: 1143  
 4. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1183  
 5. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1143

	THIS MONTH	YR-TO-DATE	CUMULATIVE
6. NUMBER OF HOURS REACTOR WAS CRITICAL	357.5	2,459.4	91,592.1
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	323.2	2,398.2	89,930.0
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	306,967	2,510,967	94,892,337

# UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE MAY 10, 2001  
 COMPLETED BY EXELON CORPORATION  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH APRIL 2001

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
384	04-Apr	S	392.8	C	2	REFUEL OUTAGE 2R06
385	20-Apr	S	2.9	C	4	START UP

(1)  
 Type  
 F -- Forced  
 S -- Scheduled

(2)  
 Reason  
 A -- Equipment Failure  
 B -- Maintenance or Test  
 C -- Refueling  
 D -- Regulatory Restriction  
 E -- Operational Training & License Examination  
 F -- Administrative  
 G -- Operational Error (Explain)  
 H -- Other (Explain)

(3)  
 Method  
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