

# Exelon<sup>SM</sup>

Nuclear

T.S.6.9.1.6

June 8, 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 May 2001 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,



Robert C. Braun  
Plant Manager

ksm



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  
May 1 through May 31, 2001

I. Narrative Summary of Operating Experiences

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

On May 14<sup>th</sup> at 0200 hours, reactor power was reduced to 92% RTP for a rod pattern adjustment. On May 14<sup>th</sup> at 0349 hours, reactor power was restored to 100% RTP.

On May 18<sup>th</sup> at 2200 hours, reactor power was reduced to 60% RTP for scram time testing, condenser water box cleaning, cooling water line replacement for all four circ water pumps, 1B reactor feed pump bearing replacement, and 1A condensate pump vibration probe replacement. On May 20<sup>th</sup> at 1050 hours, reactor power was restored to 100% RTP.

On May 25<sup>th</sup> at 2300 hours, reactor power was reduced to 80% RTP for condenser water box cleaning. On May 26<sup>th</sup> at 1200 hours, reactor power was restored to 100% RTP.

Unit 1 ended the month of May 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 May. 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 JUNE 8, 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: ..... MAY 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	744.0	3,605.6	116,418.2
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	3,598.9	114,527.1
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	853,399	4,202,388	116,551,288

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352  
 UNIT LIMERICK UNIT 1  
 DATE JUNE 8, 2001  
 COMPLETED BY EXELON CORPORATION  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH MAY 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
363	5/18/01	S	0	B	4	SCRAM TIME TESTING, FEED PUMP BEARING REPLACEMENT, CIRC WATER PUMPS COOLING LINE REPLACEMENT, WATERBOX CLEANING, CONDENSATE PUMP VIBRATION PROBE REPAIR

(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  
May 1 through May 31, 2001

I. Narrative Summary of Operating Experiences

Unit 2 began the month of May 2001 at 100% of rated thermal power (RTP).

On May 20<sup>th</sup> at 0500 hours, reactor power was reduced to 75% RTP for a rod pattern adjustment and EHC leak repair. On May 20<sup>th</sup> at 1950 hours, reactor power was restored to 100% RTP.

On May 23<sup>rd</sup> at 2314 hours, reactor power was reduced to approximately 99.7% RTP in preparation for establishing reactor water clean up blowdown flow to the hotwell for mod acceptance testing. On May 24<sup>th</sup> at 0117 hours, reactor power was returned to 100% RTP.

On May 26<sup>th</sup> at 2300 hours, reactor power was reduced to 95% RTP for scram time testing. On May 27<sup>th</sup> at 0933 hours reactor power was further reduced to 85% RTP per GP-5 for a rod pattern adjustment. On May 27<sup>th</sup> at 1550 hours, reactor power was restored to 100% RTP.

Unit 2 ended the month of May 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 May. 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 JUNE 8, 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: ..... MAY 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	744.0	3,203.4	92,336.1
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	3,142.2	90,674.0
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	861,582	3,372,549	95,753,919

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353  
 UNIT LIMERICK UNIT 2  
 DATE JUNE 8, 2001  
 COMPLETED BY EXELON CORPORATION  
 K. S. McLAUGHLIN  
 REPORTS ENGINEER  
 SITE ENGINEERING  
 LIMERICK GENERATING STATION  
 TELEPHONE (610) 718-3594

REPORT MONTH MAY 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
-----	------	-------------	--	---------------	--	---

---

(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)