Exelon Nuclear
Limerick Generating Station
P.O. Box 2300
Sanatoga, PA 19464

www.exeloncorp.com

Exelon Nuclear

T.S.6.9.1.6

January 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 December 2000 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,

James M. Armstrong
Director - Site Engineering

pah

Enclosures

cc: H. J. Miller, Administrator, Region I, USNRC
A. L. Burritt, USNRC Senior Resident Inspector LGS
J. D. von Suskil, Vice President, LGS
S. T. Gamble, LGS Experience Assessment Branch, SSB2-4
P. R. Driehaus, Jr., LGS ISEG Branch, SMB-2-5

IE24

Docket No. 50-352
Attachment to Monthly
Operating Report for
December 2000

Limerick Generating Station
Unit 1
December 1 through December 31, 2000

I. Narrative Summary of Operating Experiences

Unit 1 began the month of December 2000 at 100% of rated thermal power (RTP).

On December 2nd at 1240 hours, reactor power was reduced to 85% RTP to perform rod pattern adjustments. On December 3rd at 0813 hours, reactor power was restored to 100% RTP.

On December 15th at 1822 hours, reactor power was reduced to 66% to remove 1B Reactor Feed Pump (RFP) from service due to high vibration alarms caused by shaft sleeve crack. Reactor power was then raised to nominal 86% RTP on December 16th at 1022 hours for RFP work. On December 19th at 2153 hours, reactor power was reduced from 86% to 77% due to 1C Reactor Feed Pump Turbine lube oil reservoir low level alarm caused by partially open drain valve. Reactor power was restored to 86% on December 20th 0018 hours. On December 21st at 2100 hours, reactor power was reduced to 64% to place 1B RFP back in service. Reactor power was restored to 100% on December 22nd at 0216 hours.

On December 22nd from approximately 0500 hours to 0900 hours, reactor power was allowed to gradually drift to 99% RTP while xenon "built in" to the core. At 0913 hours, reactor power was returned to 100% RTP.

Unit 1 ended the month of December 2000 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 December. There were no challenges to the Main Steam Safety Relief Valves for the year 2000.

OPERATING DATA REPORT

DOCKET NO. 50-352
DATE JANUARY 10, 2001
COMPLETED BY PECO ENERGY COMPANY
P. A. HINCHEY, J. P. ALESSI
THERMAL PERFORMANCE ENG., CO-OP
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797, -3688

OPERATING STATUS

1. UNIT NAME:	LIMERICK UNIT 1
2. REPORTING PERIOD:	DECEMBER 2000
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	8,106.0	112,812.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	7,983.6	110,928.2
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	851,746	8,988,098	112,341,797

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352
UNIT LIMERICK UNIT 1
DATE JANUARY 10, 2001
COMPLETED BY PECO ENERGY COMPANY
P. A. HINCHEY, J. P. ALESSI
THERMAL PERFORMANCE ENG., CO-OP
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797, -3688

REPORT MONTH DECEMBER 2000

NO.	DATE	TYPE (1)	GENERATOR OFF LINE DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
361	001215	F	0	A	4	1B REACTOR FEED PUMP SHAFT SLEEVE CRACK

(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)

Docket No. 50-353
Attachment to Monthly
Operating Report for
December 2000

Limerick Generating Station
Unit 2
December 1 through December 30, 2000

I. Narrative Summary of Operating Experiences

Unit 2 began the month of December 2000 at 100% of rated thermal power (RTP).

On December 1st at 2127 hours, reactor power was reduced to 89% RTP to perform rod pattern adjustments. On December 1st at 2322 hours, reactor power was raised to 92% to perform main turbine valve testing. On December 2nd at approximately 0830 hours, reactor power was restored to 100% RTP.

On December 18th at approximately 2030 hours, reactor power was allowed to gradually drift below 100% RTP (at rate of 0.3% per day) due to margin to thermal limits at end-of-cycle.

On December 29th at 1240 hours, with reactor power at 96.6% RTP, All Rods Out (ARO) was achieved. On December 29th from approximately 1300 hours to 1900 hours, reactor power was allowed to gradually drift to 95% RTP while xenon "built in" to the core. On December 30th at 1010 hours, reactor power was returned to nominal 99% RTP.

Unit 2 ended the month of December 2000 at 98% of RTP in end-of-cycle coastdown.

II. Challenges to Main Steam Safety Relief Valves

There were no challenges to the Main Steam Safety Relief Valves during the month of December. There were no challenges to the Main Steam Safety Relief Valves for the year 2000.

OPERATING DATA REPORT

DOCKET NO. 50-353
DATE JANUARY 10, 2001
COMPLETED BY PECO ENERGY COMPANY
P. A. HINCHEY, J. P. ALESSI
THERMAL PERFORMANCE ENG., CO-OP
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797, -3688

OPERATING STATUS

1. UNIT NAME:	LIMERICK UNIT 2
2. REPORTING PERIOD:	DECEMBER 2000
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	8,720.6	89,132.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	744.0	8,661.5	87,531.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	872,210	9,940,726	92,371,374

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353
UNIT LIMERICK UNIT 2
DATE JANUARY 10, 2001
COMPLETED BY PECO ENERGY COMPANY
P. A. HINCHEY, J. P. ALESSI
THERMAL PERFORMANCE ENG., CO-OP
SITE ENGINEERING
LIMERICK GENERATING STATION
TELEPHONE (610) 718-3797, -3688

REPORT MONTH DECEMBER 2000

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)