

Exelon Nuclear
Limerick Generating Station
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T.S.6.9.1.6

December 7, 2000

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 November 2000 forwarded pursuant to Technical Specification 6.9.1.6.

Very truly yours,



James M. Armstrong
Director - Site Engineering

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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

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Limerick Generating Station
Unit 1
November 1 through November 30, 2000

I. Narrative Summary of Operating Experiences

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

On November 16th at 1540 hours, reactor power was reduced to 95% RTP in response to Main Steam Line High Radiation alarms coincident with a conductivity excursion. At 1545 hours, reactor power was further reduced to 93% RTP. At 2012 hours, reactor power was returned to 100% RTP after all indications trended down.

On November 19th at 2109 hours, reactor power was reduced to 93% RTP to perform rod pattern adjustments. On November 20th at approximately 0015 hours, reactor power was further reduced to 91% RTP to perform turbine control valve, turbine main stop valve, and main steam isolation valve testing. On November 20th at 0257 hours, reactor power was returned to 100% RTP.

On November 24th at 1204 hours, power reduction to 22% RTP began in response to an EHC transient initiated by a demand signal to the turbine control valves. At 1630 hours, reactor power reached target of 22% RTP. On November 25th at 0450 hours, turbine was tripped to facilitate EHC card replacement. At 0937 hours, reactor was manually scrammed per normal plant procedures to support EHC card replacement. On November 26th at 1323 hours, reactor became critical. On November 27th at 0540 hours, main generator was synchronized to the grid. On November 28th at 0745 hours, reactor power was returned to 100% RTP.

On November 28th from 0746 hours to 2159 hours, reactor power was allowed to gradually drift to 96% RTP while xenon "built in" to the core. At 2200 hours, reactor power was reduced to 75% RTP to perform follow-up rod pattern adjustments. On November 29th at 0355 hours, reactor power was returned to 100% RTP.

Unit 1 ended the month of November 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 November. There have been no challenges to the Main Steam Safety Relief Valves year-to-date.

OPERATING DATA REPORT

DOCKET NO. 50-352
 DATE DECEMBER 5, 2000
 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:	NOVEMBER 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	692.2	7,362.0	112,068.6
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	671.2	7,239.6	110,184.2
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	753,321	8,136,352	111,490,051

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-352
 UNIT LIMERICK UNIT 1
 DATE DECEMBER 5, 2000
 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 NOVEMBER 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
360	001124	F	48.8	A	1	FAILED EHC CARD, REACTOR SHUT-DOWN

(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
November 1 through November 30, 2000

I. Narrative Summary of Operating Experiences

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

On November 11th at 2345 hours, reactor power was reduced to 90% to perform rod pattern adjustments. On November 12th at 0314 hours, reactor power was returned to 100% RTP.

Unit 2 ended the month of November 2000 at 100% of RTP.

II. Challenges to Main Steam Safety Relief Valves

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

OPERATING DATA REPORT

DOCKET NO. 50-353
 DATE DECEMBER 5, 2000
 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:	NOVEMBER 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	720.0	7,976.6	88,388.7
7. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
8. HOURS GENERATOR ON-LINE	720.0	7,917.5	86,787.8
9. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
10. NET ELECTRICAL ENERGY GENERATED (MWH)	846,902	9,068,516	91,499,164

UNIT SHUTDOWNS AND SIGNIFICANT LOAD REDUCTIONS

DOCKET NO. 50-353
 UNIT LIMERICK UNIT 2
 DATE DECEMBER 5, 2000
 COMPLETED BY PECO ENERGY COMPANY
 P. A. HINCHEY, J. P. ALESSI
 THERMAL PERFORMANCE ENG., CO-OP
 SITE ENGINEERING
 LIMERICK GENERATING STATION
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REPORT MONTH NOVEMBER 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
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(1)
 Type
 F -- Forced
 S -- Scheduled

(2)
 Reason
 A -- Equipment Failure
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(3)
 Method
 1 -- Manual
 2 -- Manual Scram
 3 -- Automatic Scram
 4 -- Other (Explain)