Byron Generating Station
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ComEd

July 5, 2000

LTR: BYRON 2000-0097
File: 2.07.0200

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: Monthly Operating Report

In accordance with Technical Specification 5.6.4, "Monthly Operating Reports," we are submitting the Monthly Operating Report for Byron Station, Units 1 and 2. This report covers the period June 1, 2000 through June 30, 2000.

If you have any questions regarding this report, please contact Mr. Brad Adams, Regulatory Assurance Manager, at (815) 234-5441, extension 2280.

Respectfully,

Steve Kuczynski for

Richard P. Lopriore
Station Manager
Byron Station

RPL/RC/dpk

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Byron Station

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BYRON STATION, UNIT 1 AND UNIT 2

MONTHLY OPERATING REPORT

COMMONWEALTH EDISON COMPANY

FACILITY OPERATING LICENSE NOS. NPF-37 AND NPF-66

NRC DOCKET NOS. STN 50-454 AND STN 50-455

OPERATING DATA REPORT
UNIT ONE

DOCKET NO.	50-454
UNIT NAME	Byron One
DATE	07/05/00
COMPLETED BY	R. Colglazier
TELEPHONE	(815) 234-5441, X2609

REPORTING PERIOD: June, 2000
(Month/Year)

		MONTH	YEAR TO DATE	CUMULATIVE
1.	Design Electrical Rating (MWe-Net). The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.	1,120	N/A	N/A
2.	Maximum Dependable Capacity (MWe-Net). The gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions minus the normal station service loads.	1,105	N/A	N/A
3.	Number of Hours the Reactor was Critical. The total number of hours during the gross hours of the reporting period that the reactor was critical.	720	4,367	108,200.20
4.	Number of Hours the Generator was On Line (Also called Service Hours). The total number of hours during the gross hours of the reporting period that the unit operated with breakers closed to the station bus. The sum of the hours the generator was on line plus the total outage hours should equal the gross hours in the reporting period.	720	4,367	107,287.22
5.	Unit Reserve Shutdown Hours. The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation.	0	0	38
6.	Net Electrical Energy (MWH). The gross electrical output of the unit measured at the output terminals of the turbine-generator minus the normal station service loads during the gross hours of the reporting period, expressed in megawatt hours. Negative quantities should not be used.	823,825	4,950,570	108,707,393

UNIT SHUTDOWNS

DOCKET NO.	50-454
UNIT NAME	Byron One
DATE	07/05/00
COMPLETED BY	R. Colglazier
TELEPHONE	(815) 234-5441, X2609

REPORTING PERIOD: June, 2000

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
		None				

SUMMARY: Unit One On Line During the Month of June

(1) Reason
- A – Equipment Failure (Explain)
- B – Maintenance Test
- C – Refueling
- D – Regulatory Restriction
- E – Operator Training/License Examination
- F – Administrative
- G – Operational Error (Explain)
- H – Other (Explain)

(2) Method
- 1 – Manual
- 2 – Manual Trip/Scram
- 3 – Automatic Trip/Scram
- 4 – Continuation
- 5 – Other (Explain)

UNIQUE REPORTING REQUIREMENTS (UNIT 1)
for the month of June, 2000

1. Safety/Relief valve operations for Unit One. This information is provided pursuant to the reporting requirements contained in Technical Specification 5.6.4.

DATE	VALVES ACTUATED	NO. & TYPE ACTUATION	PLANT CONDITION	DESCRIPTION OF EVENT
None				

2. Licensee generated changes to ODCM.

None

3. Indications of failed fuel.

None. Fuel Reliability Indicator: (FRI) = 1.00 E-06 μCi/cc.

4. Licensee Events Reports

The following is a tabular summary of all Licensee Event Reports for Byron Station, Unit One, occurring during the reporting period, June 1, 2000 through June 30, 2000. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

Licensee Event Report Number	Occurrence Date	Title of Occurrence
None		

OPERATING DATA REPORT
UNIT TWO

DOCKET NO.	50-455
UNIT NAME	Byron Two
DATE	07/05/00
COMPLETED BY	R. Colglazier
TELEPHONE	(815) 234-5441, X2609

REPORTING PERIOD: June, 2000
(Month/Year)

		MONTH	YEAR TO DATE	CUMULATIVE
1.	Design Electrical Rating (MWe-Net). The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.	1,120	N/A	N/A
2.	Maximum Dependable Capacity (MWe-Net). The gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions minus the normal station service loads.	1,105	N/A	N/A
3.	Number of Hours the Reactor was Critical. The total number of hours during the gross hours of the reporting period that the reactor was critical.	720	4,339.48	100,309.93
4.	Number of Hours the Generator was On Line (Also called Service Hours). The total number of hours during the gross hours of the reporting period that the unit operated with breakers closed to the station bus. The sum of the hours the generator was on line plus the total outage hours should equal the gross hours in the reporting period.	720	4,331.78	99,561.62
5.	Unit Reserve Shutdown Hours. The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation.	0	0	0
6.	Net Electrical Energy (MWH). The gross electrical output of the unit measured at the output terminals of the turbine-generator minus the normal station service loads during the gross hours of the reporting period, expressed in megawatt hours. Negative quantities should not be used.	829,246	4,954,344	101,116,226

UNIT SHUTDOWNS

DOCKET NO. 50-455
UNIT NAME Byron Two
DATE 07/05/00
COMPLETED BY R. Colglazier
TELEPHONE (815) 234-5441, X2609

REPORTING PERIOD: June, 2000

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
		None				

SUMMARY: Unit Two On Line During the Month of June

(1) Reason
A – Equipment Failure (Explain)
B – Maintenance Test
C – Refueling
D – Regulatory Restriction
E – Operator Training/License Examination
F – Administrative
G – Operational Error (Explain)
H – Other (Explain)

(2) Method
1 – Manual
2 – Manual Trip/Scram
3 – Automatic Trip/Scram
4 – Continuation
5 – Other (Explain)

UNIQUE REPORTING REQUIREMENTS (UNIT 2)
for the month of June, 2000

1. Safety/Relief valve operations for Unit Two. This information is provided pursuant to the reporting requirements contained in Technical Specification 5.6.4.

DATE	VALVES ACTUATED	NO. & TYPE ACTUATION	PLANT CONDITION	DESCRIPTION OF EVENT
None				

2. Licensee generated changes to ODCM.

None

3. Indications of failed fuel.

None. Fuel Reliability Indicator: (FRI) = 2.37 E-06 μCi/cc.

4. Licensee Events Reports

The following is a tabular summary of all Licensee Event Reports for Byron Station, Unit Two, occurring during the reporting period, June 1, 2000 through June 30, 2000. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

Licensee Event Report Number	Occurrence Date	Title of Occurrence
None		