

Commonwealth Edison Company
Byron Generating Station
4450 North German Church Road
Byron, IL 61010-9794
Tel 815-234-5441



October 12, 2000

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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 September 1, 2000, through September 30, 2000.

An error has been identified on Unit One in the reporting of Unit Reserve Shutdown Hours. A value of 38 hours was reported in correspondence dated July 19, 1998, which contained information pertaining to the month of June 1998. These cumulative hours have been reported incorrectly in every subsequent monthly submittal. The Unit Reserve Shutdown Hours should have been reported as zero (0). We recognize submittal of this report has been in error and we apologize for any inconvenience it may cause. This error has been corrected in this report.

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

Respectfully,

A handwritten signature in black ink, appearing to read "Richard P. Lopriore", is written over the typed name.

Richard P. Lopriore
Station Manager
Byron Station

RPL/RC/dpk

Attachment

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

IE24

ATTACHMENT

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 10/03/00
 COMPLETED BY R. Colglazier
 TELEPHONE (815) 234-5441, X2609

REPORTING PERIOD: September, 2000
 (Month/Year)

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
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.	528.02	6,383.02	110,216.22
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.	528	6,383	109,303.22
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	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.	488,501	7,123,792	110,880,615

UNIT SHUTDOWNS

DOCKET NO. 50-454
UNIT NAME Byron One
DATE 10/03/00
COMPLETED BY R. Colglazier
TELEPHONE (815) 234-5441, X2609

REPORTING PERIOD: September, 2000

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS
						COMMENTS
1	9/23/00	S	192	C	2	Entered Refueling Outage B1R10 on 9/23/00

SUMMARY: Entered Refueling Outage B1R10 on 9/23/00

- (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 September, 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, "Monthly Operating Report."

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO. & TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
None				

2. Licensee generated changes to ODCM.

None

3. Indications of failed fuel.

None. Fuel Reliability Indicator: (FRI) = 4.12 E-06 μ Ci/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, September 1, 2000, through September 30, 2000. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73, "Licensee Event Report System."

<u>Licensee Event Report Number</u>	<u>Occurrence Date</u>	<u>Title of Occurrence</u>
None		

**OPERATING DATA REPORT
UNIT TWO**

DOCKET NO.	<u>50-455</u>
UNIT NAME	<u>Byron Two</u>
DATE	<u>10/03/00</u>
COMPLETED BY	<u>R. Colglazier</u>
TELEPHONE	<u>(815) 234-5441, X2609</u>

REPORTING PERIOD: September, 2000
(Month/Year)

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
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	6,531.61	102,502.06
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	6,516.21	101,746.05
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.	826,269	7,450,134	103,612,016

UNIT SHUTDOWNS

DOCKET NO. 50-455
UNIT NAME Byron Two
DATE 10/03/00
COMPLETED BY R. Colglazier
TELEPHONE (815) 234-5441, X2609

REPORTING PERIOD: September, 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 September

- (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 September, 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, "Monthly Operating Report."

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO. & TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
None				

2. Licensee generated changes to ODCM.

None

3. Indications of failed fuel.

None. Fuel Reliability Indicator: (FRI) = 2.79 E-06 μ Ci/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, September 1, 2000, through September 30, 2000. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73, "Licensee Event Report System."

<u>Licensee Event Report Number</u>	<u>Occurrence Date</u>	<u>Title of Occurrence</u>
None		