

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



November 11, 1998

LTR: BYRON 98-0301
FILE: 2.7.200

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

ATTENTION: Document Control Desk

SUBJECT: Monthly Operating Report
Byron Nuclear Power Station, Units 1 and 2
NRC Docket Numbers: 50: 454 and 455

Gentlemen:

Enclosed for your information is the Monthly Operating Report covering Byron Nuclear Power Station for the period October 1 through October 31, 1998.

Sincerely,

William Levis
Station Manager
Byron Nuclear Power Station

WL/RC/rp

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

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BYRON NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-454

NRC DOCKET NO. 050-455

LICENSE NO. NPF-37

LICENSE NO. NPF-66

OPERATING DATA REPORT
UNIT ONE

DOCKET NO.	<u>050-454</u>
UNIT NAME	<u>Byron One</u>
DATE	<u>11/10/98</u>
COMPLETED BY	<u>R. Colglazier</u>
TELEPHONE	<u>(815) 234-5441</u> <u>x2609</u>

REPORTING PERIOD October, 1988
(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.	745	5,710.1	94,390.4
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.	745	5,681.9	93,510.4
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.	844,524	6,151,706	93,209,214

UNIT SHUTDOWNS

DOCKET NO.	050-454
UNIT NAME.	Byron One
DATE	11/10/98
COMPLETED BY	R. Colglazier
TELEPHONE	(815)234-5441 x2609

REPORTING PERIOD: October, 1998
(Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS

SUMMARY: Unit One Ran Steady During the Month of October.

(1) Reason

- A - Equipment Failure (Explain)
- B - Maintenance or 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 October, 1998

1. Safety/Relief valve operations for Unit One. This information is provided pursuant to the reporting requirements contained in Technical Specification 6.9.1.8.

<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.

ODCM Chapter 10, Revision 1.4
Summary of Changes

<u>Page #</u>	<u>Revision Description:</u>
10-i	New Revision Number
10-ii	Updated Page Number References.
10-iii	Updated Page Number References.
10-3	Removed Component Cooling Water Monitor Description from Section 10.1.2 Airborne Process Radiation Monitors.
10-7	Added Component Cooling Water Monitor Description to Section 10.2, Liquid Process Radiation Monitors.
10-9	Added dual reference to applicable Technical Requirements Manual and Administrative Technical Requirements Table.

ODCM Chapter 11, Revision 1.6
Summary of Changes

<u>Page #</u>	<u>Revision Description:</u>
11-i	New Revision Number
11-2 - 11-8	Miscellaneous Format Changes to maintain consistency throughout the Chapter.
11-7	Removed Dairy BY-27 from REMP Sampling Program. The dairy is no longer active, and no samples can be obtained.
11-13	Deleted BY-27 from Figure 11-4, "Ingestion and Waterborne Exposure Pathway Sample Locations".

3. Indications of failed fuel.

No. Fuel Reliability Indicator: FRI = 1.82 E-5 μ Ci/cc

4. Licensee Event Reports

The following is a tabular summary of all Licensee Event Reports for Byron Nuclear Power Station, Unit One, occurring during the reporting period, October 1, 1998 through October 31, 1998. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

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

OPERATING DATA REPORT
UNIT TWO

DOCKET NO.	050-455
UNIT NAME	Byron Two
DATE	11/10/98
COMPLETED BY	R. Colglazier
TELEPHONE	(815) 234-5441 x2609

REPORTING PERIOD October, 1998
(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.	745	6,407.7	86,305.4
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.	745	6,391.6	85,582.9
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.	843,329	6,912,362	85,307,224

UNIT SHUTDOWNS

DOCKET NO. 050-455
 UNIT NAME. Byron Two
 DATE 11/10/98
 COMPLETED BY R. Colglazier
 TELEPHONE (815)234-5441
x2609

REPORTING PERIOD: October, 1998
 (Month/Year)

NO.	DATE	TYPE	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS

SUMMARY: Unit Two Ran Steady During the Month of October.

(1) Reason

- A - Equipment Failure (Explain)
- B - Maintenance or 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 October, 1998

1. Safety/Relief valve operations for Unit Two. This information is provided pursuant to the reporting requirements contained in Technical Specification 6.9.1.8.

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

2. Licensee generated changes to ODCM.

ODCM Chapter 10, Revision 1.4
Summary of Changes

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11-13	Deleted BY-27 from Figure 11-4, "Ingestion and Waterborne Exposure Pathway Sample Locations".

3. Indications of failed fuel.

No. Fuel Reliability Indicator: FRI = 5.97 E-5 μ Ci/cc

4. Licensee Event Reports

The following is a tabular summary of all Licensee Event Reports for Byron Nuclear Power Station, Unit Two, occurring during the reporting period, October 1, 1998 through October 31, 1998. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10CFR 50.73.

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