

BYRON NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-454

LICENSE NO. NPF-23

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PDR ADOCK 05000454
R PDR

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I. Monthly Report for Unit One

A. Summary of Operating Experience for Unit One

In this reporting period, January 1985, Byron Unit 1 continued post core load/precritical startup testing. Unit one entered hot standby, Mode 3. Preparations for entry into initial criticality, Mode 2 are underway.

B. OPERATING DATA REPORT

DOCKET NO.: 050-454
 UNIT: Byron One
 DATE: 02/14/85
 COMPLETED BY: K. Hayes
 TELEPHONE: (815)234-5441

OPERATING STATUS

1. Reporting Period: January 1985 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 170 Max Depend Capacity (MWe-Net): 1129 Design Electrical Rating (MWe-Net): 1175
3. Power Level to Which Restricted (If Any) (MWe-Net): 58.75
4. Reasons for Restriction (If Any): Condition of Facility Operating License NPF-23
5. Number of Hours Reactor was Critical
6. Reactor Reserve Shutdown Hours
7. Hours Generator on Line
8. Unit Reserve Shutdown Hours
9. Gross Thermal Energy Generated (MWH)
10. Gross Elec. Energy Generated (MWH)
11. Net Elec. Energy Generated (MWH)
12. Reactor Service Factor
13. Reactor Availability Factor
14. Unit Service Factor
15. Unit Availability Factor
16. Unit Capacity Factor (Using MDC)
17. Unit Capacity Factor (Using Design MWe)
18. Unit Forced Outage Rate
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each) N/A
20. If Shutdown at End of Report Period, Estimated Date of Startup: N/A
21. Units in Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
Initial Criticality	<u>1-25-85</u>	<u>2-2-85</u>
Initial Electricity	_____	_____
Commercial Operation	_____	_____

C. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 02/14/85
COMPLETED BY: K. Hayes
TELEPHONE: (815)234-5441

MONTH: January, 1985

1.	0	17.	0
2.	0	18.	0
3.	0	19.	0
4.	0	20.	0
5.	0	21.	0
6.	0	22.	0
7.	0	23.	0
8.	0	24.	0
9.	0	25.	0
10.	0	26.	0
11.	0	27.	0
12.	0	28.	0
13.	0	29.	0
14.	0	30.	0
15.	0	31.	0
16.	0		

INSTRUCTIONS

On this form list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line.) In such cases the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

D. UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 02/14/85
COMPLETED BY: K. Hayes
TELEPHONE: (815)234-5441

REPORT MONTH: January, 1985

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				

N/A

E. UNIQUE REPORTING REQUIREMENTS

1. Safety/Relief valve operations for Unit One.

<u>DATE</u>	<u>VALVES ACTUATED</u>	<u>NO & TYPE ACTUATION</u>	<u>PLANT CONDITION</u>	<u>DESCRIPTION OF EVENT</u>
1/25/85	1RY456	1 Automatic	Mode 3	Vent RCS Pressure
1/25/85	1RY455A	3 Automatic	Mode 3	Vent RCS Pressure
1/27/85	1RY455A	6 Manual	Mode 3	Reset Valve Due to leakage

F. LICENSEE EVENT REPORTS

The following is a tabular summary of all licensee event reports for Byron Nuclear Power Station, Unit One, during the reporting period, January 1 through January 31, 1985. 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>Date</u>	<u>Title of Occurrence</u>
84-025-00	1/7/85	Reactor Trip due to procedural error
84-026-00	12/28/85	Source Range Inoperability
84-027-00	1/4/85	Spurious high radiation alarm actuation of ventilation
84-028-00	1/4/85	Spurious high radiation alarm actuation of ventilation
84-029-00	1/2/85	Spurious high radiation alarm actuation of ventilation
84-030-00	1/8/85	Loss of instrument bus causing boron dilution action
84-031-00	1/15/85	Boron dilution actuation due to noise spike
84-032-00	1/8/85	Impaired fire barrier
84-033-00	1/16/85	Spurious high radiation alarm actuation of ventilation
84-034-00	1/3/85	Loss of licensable sources
84-035-00	1/23/85	Accidental start of control room ventilation
84-036-00	1/24/85	Charging pump operating without emergency power source
84-037-00	1/24/85	Control room ventilation start
84-038-00	1/24/85	Spurious high radiation alarm actuation of ventilation
84-039-00	1/24/85	Automatic start of control room fan
84-040-00	1/24/85	Control rod bank position indication failure



Commonwealth Edison
Byron Nuclear Station
4450 North German Church Road
Byron, Illinois 61010

February 14, 1984

LTR: BYRON 85-0228
File: 2.7.200

Director, Office of Management Information
and Program Control
United States Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the Monthly Performance Report covering Byron Nuclear Power Station for the period covering January 1 through January 31, 1985.

Very truly yours,

for R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/KRH/clb

Enclosure

cc: J.G. Keppler, NRC, Region III
NRC Resident Inspector Byron
Gary Wright, Ill. Dept. of Nuclear Safety
D.P. Galle, CECO
D.L. Farrar, CECO
INPO Records Center

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