BYRON NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-454

LICENSE NO. NPF-23

8502220340 850131 PDR ADOCK 05000454 R PDR

1624/11

- 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

 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

 Reasons for Restriction (If Any): Condition of Facility Operating License NPF-23

		THIS MONTH Y	R TO DATE	CUMULATIVE
5.	Number of Hours Reactor was Critical	0	0	0
6.	Reactor Reserve Shutdown Hours	0	0	0
7.	Hours Generator on Line	0	0	0
8.	Unit Reserve Shutdown Hours	0	0	0
9.	Gross Thermal Energy Generated (MWH)	0	0	0
10.	Gross Elec. Energy Generated (MWH)	0	0	0
11.	Net Elec. Energy Generated (MWH)	0	0	0
12.	Reactor Service Factor	0	0	0
13.	Reactor Availability Factor	0	0	0
14.	Unit Service Factor	0	0	0
15.	Unit Availability Factor	0	0	0
16.	Unit Capacity Factor (Using MDC)	0	0	0
17.	Unit Capacity Factor (Using Design MWe)	0	0	0
18.	Unit Forced Outage Rate	0	0	0

- 19. Shutdowns Scheduled Over Next & 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 1-25-85 2-2-85
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

MONT	H .	January.	1985
1.10/14 1		DOMINGO A	7703

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

TYPE

DOCKET NO .: 050-454

UNIT: Byron One

DATE: 02/14/85

COMPLETED BY: K. Hayes

TELEPHONE: (815)234-5441

REPORT MONTH: January, 1985

METHOD OF

SHUTTING DOWN

THE REACTOR OR CORRECTIVE

DURATION F: FORCED ACTIONS/COMMENTS REDUCING POWER (HOURS) REASON (1) S: SCHEDULED NO. DATE

N/A

E. UNIQUE REPORTING REQUIREMENTS

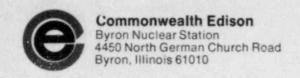
Safety/Relief valve operations for Unit One.

DATE	VALVES ACTUATED	NO & TYPE ACTUATION	PLANT CONDITION	DESCRIPTION OF EVENT
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.

Licensee Event Report Number	Date	Title of Occurrence
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
84036-00	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



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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