

BYRON NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-454

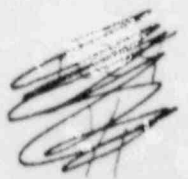
NRC DOCKET NO. 050-455

LICENSE NO. NPF-37

LICENSE NO. NPF-66

(0625M/0062M-2)

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C. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 050-455
 UNIT: Byron Two
 DATE: 04/10/88
 COMPILED BY: D. J. Spitzer
 TELEPHONE: (815)234-5441
 *2023

MONTH: March, 1988

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1. _____	-29 MW	16. _____	861 MW
2. _____	-29 MW	17. _____	908 MW
3. _____	280 MW	18. _____	767 MW
4. _____	996 MW	19. _____	1024 MW
5. _____	1033 MW	20. _____	924 MW
6. _____	989 MW	21. _____	1036 MW
7. _____	989 MW	22. _____	1012 MW
8. _____	997 MW	23. _____	1064 MW
9. _____	977 MW	24. _____	1020 MW
10. _____	1028 MW	25. _____	954 MW
11. _____	1033 MW	26. _____	133 MW
12. _____	1040 MW	27. _____	-29 MW
13. _____	1026 MW	28. _____	-29 MW
14. _____	1021 MW	29. _____	140 MW
15. _____	1026 MW	30. _____	846 MW
_____	_____	31. _____	1054 MW

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.

B. OPERATING DATA REPORT

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 04/10/88
COMPILED BY: D. J. Spitzer
TELEPHONE: (815)234-5441
x2023

OPERATING STATUS

1. Reporting Period: March 1988. Gross Hours: 744
2. Currently Authorized Power Level (MWt): 3411
Design Electrical Rating: 1175 (MWe-gross)
Design Electrical Rating: 1120 (MWe-net)
Max Dependable Capacity (MWe-net): NOT DETERMINED
3. Power Level to Which Restricted (If Any): 1097 (Mwe-net)
4. Reasons for Restriction (If Any): Steam Generator Split Flow (23MW)

	THIS MONTH	YR TO DATE	CUMULATIVE*
5. Report Period Hrs.	744	2184	22273
6. Rx Critical Hours	744	2184	17496
7. Rx Reserve Shutdown Hours	0	0	37.8
8. Hours Generator on Line	744	2184	17145
9. Unit Reserve Shutdown Hours	0	0	0
10. Gross Thermal Energy (MWH)	2478098	6892257	50488107
11. Gross Elec. Energy (MWH)	829329	2282775	16908552
12. Net Elec. Energy (MWH)	786151	2159539	15899016
13. Reactor Service Factor	100	100	78.6
14. Reactor Availability Factor	100	100	78.7
15. Unit Service Factor	100	100	77
16. Unit Availability Factor	100	100	77
17. Unit Capacity Factor (MDC net)	N/A	N/A	N/A
18. Unit Capacity Factor (DER net)	94.3	88.3	63.7
19. Unit Forced Outage Hrs.	0	0	912.1
20. Unit Forced Outage Rate	0	0	5.1
21. Shutdowns Scheduled Over Next 6 Months: 09/03/88			
22. If Shutdown at End of Report Period, Estimated Date of Startup:			
23. Units in Test Status (Prior to Commercial Operation): None			

*Note - The cumulative numbers do not reflect power generated prior to commercial service.

Report Period March, 1988

UNIT SHUTDOWNS/REDUCTIONS
(UNIT 2)

* BYRON *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
5.	03/01/88	S	52.9	A	4		EH	Took Unit 2 turbine off line to repair EH system low pressure.
6.	03/26/88	S	65.1	A	1		EH	Took Unit 2 turbine off line to repair check valve leaking on #2 GV dump header.

* Summary *

TYPE	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	F-Admin	2-Manual Scram	Instructions for
	B-Maint or Test	3-Auto Scram	Preparation of
	C-Refueling	4-Continued	Data Entry Sheet
	H-Other	5-Reduced Load	Licensee Event Report
	D-Regulatory Restriction	9-Other	(LER) File (NUREG-0161)
	E-Operator Training & License Examination		

Report Period March, 1988

UNIT SHUTDOWNS/REDUCTIONS
(UNIT 1)

* BYRON *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* Summary *

No Significant Shutdowns or Reductions in March 1988

TYPE	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	F-Admin	2-Manual Scram	Instructions for
	B-Maint or Test	3-Auto Scram	Preparation of
	G-Oper Error	4-Continued	Data Entry Sheet
	C-Refueling	5-Reduced Load	Licensee Event Report
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C. AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 04/10/88
COMPILED BY: D. J. Spitzer
TELEPHONE: (815)234-5441
x2023

MONTH: March, 1988

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1. _____	1046 MW	16. _____	1056 MW
2. _____	1046 MW	17. _____	1057 MW
3. _____	1052 MW	18. _____	1058 MW
4. _____	1062 MW	19. _____	1054 MW
5. _____	1062 MW	20. _____	1029 MW
6. _____	1059 MW	21. _____	1065 MW
7. _____	1057 MW	22. _____	1060 MW
8. _____	1063 MW	23. _____	1044 MW
9. _____	1065 MW	24. _____	1060 MW
10. _____	1059 MW	25. _____	1063 MW
11. _____	1059 MW	26. _____	1055 MW
12. _____	1064 MW	27. _____	1044 MW
13. _____	1063 MW	28. _____	1045 MW
14. _____	1056 MW	29. _____	1049 MW
15. _____	1057 MW	30. _____	1055 MW
_____		31. _____	1058 MW

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.

(0625M/0062M-5)