

B. OPERATING DATA REPORT

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 09/10/90
COMPILED BY: K. Orris
TELEPHONE: (815)234-5441
x2444

OPERATING STATUS

1. Reporting Period: August, 1990. Gross Hours: 744
2. Currently Authorized Power Level: 3411 (MWt)
Design Electrical Rating: 1175 (MWe-gross)
Design Electrical Rating: 1120 (MWe-net)
Max Dependable Capacity: 1105 (MWe-net)
3. Power Level to Which Restricted (If Any): /A
4. Reasons for Restriction (If Any):

	THIS MONTH	YR TO DATE	CUMULATIVE*
5. Report Period Hrs.	744	5,831	43,464
6. Rx Critical Hours	712.9	4,247.1	34,787.1
7. Rx Reserve Shutdown Hours	0	0	38
8. Hours Generator on Line	710.1	4,170.1	34,264.1
9. Unit Reserve Shutdown Hours	0	0	0
10. Gross Thermal Energy (MWH)	2,112,190	12,536,741	103,797,181
#11. Gross Elec. Energy (MWH)	714,066	4,244,596	34,989,014
#12. Net Elec. Energy (MWH)	673,309	3,994,452	32,972,484
13. Reactor Service Factor	95.8	72.8	80.0
14. Reactor Availability Factor	95.8	72.8	80.1
15. Unit Service Factor	95.4	71.5	78.8
16. Unit Availability Factor	95.4	71.5	78.8
17. Unit Capacity Factor (MDC net)	81.9	62.0	68.7
18. Unit Capacity Factor (DER net)	80.8	61.2	67.7
19. Unit Forced Outage Hrs.	33.9	171.9	1,228.9
20. Unit Forced Outage Rate	4.5	3.9	3.5

21. Shutdowns Scheduled Over Next 6 Months: None
22. If Shutdown at End of Report Period, Estimated Date of Startup:
23. Units in Test Status (Prior to Commercial Operation): None

Corrected numbers

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

(0625M/0062M/16)

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PDR ADQCK 05000454
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