B. OPERATING DATA REPORT UNIT ONE

DOCKET NO.: 050-454
UNIT: Byron One
DATE: 08/07/96
COMPILED BY: J. Vogl
TELEPHONE: (815)234-5441 x2282

OPERATING STATUS

1. Reporting Period: July, 1996 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): None

4. Reasons for Restriction (If Any): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE*
5. Report Period Hrs.	744	5,111	95,328
6. Rx Critical Hours	735.2	3,023.7	78,243.0
7. Rx Reserve Shutdown Hours	0	0	38
8. Hours Generator on Line	672.2	2,954.3	77,453.9
9. Unit Reserve Shutdown Hours	0	0	0
*10. Gross Thermal Energy (MWH)	1,669,483	9,188,664.8	236,953,619.8
11. Gross Elec. Energy (MWH)	554,592	3,118,437	80,174,695
12. Net Elec. Energy (MWH)	521,160	2,942,915	75,995,375
13. Reactor Service Factor	98.82	59.16	82.08
14. Reactor Availability Factor	98.82	59.16	82.12
15. Unit Service Factor	90.35	57.80	81.25
16. Unit Availability Factor	90.35	57.80	81.25
17. Unit Capacity Factor (MDC net)	63.39	52.11	72.14
18. Unit Capacity Factor (DER net)	62.54	51.41	71.18
19. Unit Forced Outage Hrs.	0	0	1,794.5
20. Unit Forced Outage Rate	0	0	2.26

21. Shutdowns Scheduled Over Next 6 Months: None

22. If Shutdown at End of Report Period, Estimated Date of Startup: None

23. Units in Test Status (Prior to Commercial Operation): None

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

9611260151 961108
PDR ADOCK 05000454
R PDR