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DOCKET NO.: 50-354  
UNIT: Hope Creek  
DATE: 9/05/96  
COMPLETED BY: R. Harris  
TELEPHONE: (609) 339-1777

**AVERAGE DAILY UNIT POWER LEVEL**

**MONTH AUGUST 1996**

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1126</u>	17	<u>1035</u>
2	<u>1034</u>	18	<u>1028</u>
3	<u>990</u>	19	<u>1034</u>
4	<u>1037</u>	20	<u>1035</u>
5	<u>1032</u>	21	<u>1040</u>
6	<u>1030</u>	22	<u>1027</u>
7	<u>1032</u>	23	<u>1027</u>
8	<u>1036</u>	24	<u>1031</u>
9	<u>1047</u>	25	<u>1033</u>
10	<u>1014</u>	26	<u>1033</u>
11	<u>1042</u>	27	<u>1032</u>
12	<u>1039</u>	28	<u>1031</u>
13	<u>1036</u>	29	<u>1036</u>
14	<u>1043</u>	30	<u>1037</u>
15	<u>1034</u>	31	<u>1036</u>
16	<u>1038</u>		

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**OPERATING DATA REPORT**  
**OPERATING STATUS**

1. Reporting Period August 1996 Gross Hours in Report Period 744
2. Currently Authorized Power Level (MWt) 3293  
Max. Depend. Capacity (MWe-Net) 1031  
Design Electrical Rating (MWe-Net) 1067
3. Power Level to which restricted (if any) (MWe-Net) None
4. Reasons for restriction (if any)

	<u>This Month</u>	<u>Yr To Date</u>	<u>Cumulative</u>
5. No. of hours reactor was critical	<u>744.0</u>	<u>3993.2</u>	<u>70917.1</u>
6. Reactor reserve shutdown hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours generator on line	<u>744</u>	<u>3835.4</u>	<u>69777.0</u>
8. Unit reserve shutdown hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross thermal energy generated (MWH)	<u>2419238</u>	<u>12099870</u>	<u>222874119</u>
10. Gross electrical energy generated (MWH)	<u>803660</u>	<u>4035111</u>	<u>73860733</u>
11. Net electrical energy generated (MWH)	<u>770453</u>	<u>3844537</u>	<u>70561772</u>
12. Reactor service factor	<u>100.0</u>	<u>68.2</u>	<u>83.4</u>
13. Reactor availability factor	<u>100.0</u>	<u>68.2</u>	<u>83.4</u>
14. Unit service factor	<u>100.0</u>	<u>65.5</u>	<u>82.1</u>
15. Unit availability factor	<u>100.0</u>	<u>65.5</u>	<u>82.1</u>
16. Unit capacity factor (using MDC)	<u>100.4</u>	<u>63.7</u>	<u>80.5</u>
17. Unit capacity factor (using Design MWe)	<u>97.1</u>	<u>61.5</u>	<u>77.8</u>
18. Unit forced outage rate	<u>0.0</u>	<u>0.0</u>	<u>4.8</u>

19. Shutdowns scheduled over next 6 months (type, date, & duration):
20. If shutdown at end of report period, estimated date of start-up:

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**OPERATING DATA REPORT**  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

MONTH AUGUST 1996

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
n/a						

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COMPLETED BY: L. Kepley  
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### REFUELING INFORMATION

MONTH AUGUST 1996

1. Refueling information has changed from last month:  
Yes — No X
2. Scheduled date for next refueling (RF07): 9/6/97
3. Scheduled date for restart following refueling: 11/5/97
- 4A. Will Technical Specification changes or other license amendments be required?  
Yes — No X
- B. Has the Safety Evaluation covering the COLR been reviewed by the Station Operating Review Committee (SORC)?  
Yes — No X  
If no, when is it scheduled? To Be Determined for Cycle 8 COLR
5. Scheduled date(s) for submitting proposed licensing action:  
Not required
6. Important licensing considerations associated with refueling:  
N/A
7. Number of Fuel Assemblies:  
A. Incore 764  
B. In Spent Fuel Storage 1472
8. Present licensed spent fuel storage capacity: 4006  
Future spent fuel storage capacity: 4006
9. Date of last refueling that can be discharged 5/3/2006  
to spent fuel pool assuming the present licensed capacity: (EOC13)

(Does allow for full-core off-load)  
(Assumes 244 bundle reloads every 18 months until then)  
(Does not allow for smaller reloads due to improved fuel)

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## MONTHLY OPERATING SUMMARY

MONTH AUGUST 1996

- The Hope Creek Generating Station remained on-line for the entire month and operated at essentially 100% power for the month of August 1996 except one load reduction identified below.
- Power was reduced to 87% on August 3, 1996 starting at 0050 hours to perform monthly turbine valve testing. The unit was returned to 100% power on August 3, 1996 at 0900.
- At the end of the month the unit had been on-line for 160 days.