

June 11, 1993

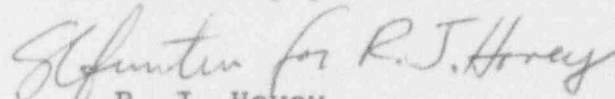
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

MONTHLY OPERATING REPORT
HOPE CREEK GENERATION STATION UNIT 1
DOCKET NO. 50-354

In compliance with Section 6.9, Reporting Requirements for the Hope Creek Technical Specifications, the operating statistics for May are being forwarded to you. The summary of changes, tests, and experiments that were implemented during May 1993 pursuant to the requirements of 10CFR50.59(b) will be included with the report for the month of June 1993.

Sincerely yours,



R. J. Hovey
General Manager -
Hope Creek Operations

DR:pw
Attachments

C Distribution

JE24 1/1

INDEX

<u>SECTION</u>	<u>NUMBER OF PAGES</u>
Average Daily Unit Power Level.	1
Operating Data Report	2
Refueling Information	1
Monthly Operating Summary	1
Summary of Changes, Tests, and Experiments.	1

OPERATING DATA REPORT

DOCKET NO. 50-354
UNIT Hope Creek
DATE 6/11/93
COMPLETED BY V. Zabielski
TELEPHONE (609) 339-3506

OPERATING STATUS

1. Reporting Period May 1993 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)
5. No. of hours reactor was critical

	This Month	Yr To Date	Cumulative
6. Reactor reserve shutdown hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours generator on line	<u>643.9</u>	<u>3522.9</u>	<u>47027.8</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>1967098</u>	<u>11390119</u>	<u>149603338</u>
10. Gross electrical energy generated (MWH)	<u>650130</u>	<u>3825920</u>	<u>49573974</u>
11. Net electrical energy generated (MWH)	<u>619448</u>	<u>3662857</u>	<u>47365241</u>
12. Reactor service factor	<u>89.1</u>	<u>97.8</u>	<u>84.6</u>
13. Reactor availability factor	<u>89.1</u>	<u>97.8</u>	<u>84.6</u>
14. Unit service factor	<u>86.5</u>	<u>97.2</u>	<u>83.2</u>
15. Unit availability factor	<u>86.5</u>	<u>97.2</u>	<u>83.2</u>
16. Unit capacity factor (using MDC)	<u>80.8</u>	<u>98.1</u>	<u>81.3</u>
17. Unit capacity factor (Using Design MWe)	<u>78.0</u>	<u>94.8</u>	<u>78.5</u>
18. Unit forced outage rate	<u>13.5</u>	<u>2.8</u>	<u>4.6</u>
19. Shutdowns scheduled over next 6 months (type, date, & duration):
None
20. If shutdown at end of report period, estimated date of start-up:
N/A

OPERATING DATA REPORT
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-354
UNIT Hope Creek
DATE 6/10/93
COMPLETED BY V. Zabielski
TELEPHONE (609) 339-3506

MONTH May 1993

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
1	5/13	F	0	A	5	AX501 transformer Hi-pot Failure
2	5/16	F	100.1	A	3	EHC Failure

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-354
UNIT Hope Creek
DATE 6/11/93
COMPLETED BY V. Zabielski
TELEPHONE (609) 339-3506

MONTH May 1993

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1.	<u>1046</u>
2.	<u>1048</u>
3.	<u>1081</u>
4.	<u>1043</u>
5.	<u>1056</u>
6.	<u>1047</u>
7.	<u>1041</u>
8.	<u>1058</u>
9.	<u>1042</u>
10.	<u>1040</u>
11.	<u>1023</u>
12.	<u>1064</u>
13.	<u>897</u>
14.	<u>501</u>
15.	<u>588</u>
16.	<u>27</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17.	<u>0</u>
18.	<u>0</u>
19.	<u>0</u>
20.	<u>110</u>
21.	<u>677</u>
22.	<u>1054</u>
23.	<u>1067</u>
24.	<u>1061</u>
25.	<u>1036</u>
26.	<u>1062</u>
27.	<u>1039</u>
28.	<u>1034</u>
29.	<u>1031</u>
30.	<u>1054</u>
31.	<u>1048</u>

REFUELING INFORMATION

DOCKET NO. 50-354
UNIT Hope Creek
DATE 6/10/93
COMPLETED BY S. Hollingsworth
TELEPHONE (509) 339-1051

MONTH May 1993

1. Refueling information has changed from last month:
Yes No X
2. Scheduled date for next refueling: 3/5/94
3. Scheduled date for restart following refueling: 4/23/94
4. A. 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?
Yes No X
If no, when is it scheduled? 2/18/94
5. Scheduled date(s) for submitting proposed licensing action: Not scheduled
6. Important licensing considerations associated with refueling:
- The discussion of moving the RBM sepoint out of tech specs and into the Core Operating Limits Report concluded that it cannot be done in time for start of Cycle 6.
7. Number of Fuel Assemblies:
A. Incore 764
B. In Spent Fuel Storage (prior to refueling) 1008
C. In Spent Fuel Storage (after refueling) 1240
8. Present licensed spent fuel storage capacity: 4006
Future spent fuel storage capacity: 4006
9. Date of last refueling that can be discharged to spent fuel pool assuming the present licensed capacity: 5/3/2006
(EOC13)
(Does allow for full-core offload)
(Assumes 244 bundle reloads every 18 months until then)
(Does not allow for smaller reloads due to improved fuel)

HOPE CREEK GENERATING STATION

MONTHLY OPERATING SUMMARY

MAY 1993

Hope Creek entered the month of May at approximately 100% power, until May 13 when power was reduced to approximately 60% due to a loss of offsite power caused by a faulty pot head in the switchyard AX501 transformer. On May 16 the unit tripped due to a faulty component in the EHC System. The Unit returned to service on May 20 and was at full power on May 22 and remained at full power through the remainder of the month. The unit was on line for 162 consecutive days prior to the unit shutdown on May 16, 1993.

SUMMARY OF CHANGES, TESTS, AND EXPERIMENTS
FOR THE HOPE CREEK GENERATING STATION

MAY 1993

The May summary will be reported in combination with the June summary next month.