



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038
Hope Creek Generating Station

February 13, 1992

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 January are being forwarded to you. The summary of changes, tests, and experiments for January 1992 will be included with the February report.

Sincerely yours,

J. J. Hagan
J. J. Hagan
General Manager -
Hope Creek Operations

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The Energy People

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-354
 UNIT Hope Creek
 DATE 2/13/92
 COMPLETED BY V. Zabieleski
 TELEPHONE (609) 339-3506

MONTH January 1992

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1. 1063
 2. 1055
 3. 1059
 4. 1048
 5. 1046
 6. 1058
 7. 1058
 8. 1058
 9. 71
 10. 039
 11. 1057
 12. 1029
 13. 1053
 14. 1050
 15. 1055
 16. 1043

17. 1059
 18. 1059
 19. 1055
 20. 1051
 21. 1062
 22. 1052
 23. 1046
 24. 1080
 25. 1060
 26. 1037
 27. 1063
 28. 1058
 29. 1056
 30. 1060
 31. 1055

OPERATING DATA REPORT

DOCKET NO. 50-354
 UNIT Hope Creek
 DATE 2/13/92
 COMPLETED BY V. Zabielski
 TELEPHONE (609) 339-3506

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OPERATING STATUS

1. Reporting Period January 1992 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
5. No. of hours reactor was critical	<u>744.0</u>	<u>744.0</u>	<u>37,905.3</u>
6. Reactor reserve shutdown hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours generator on line	<u>744.0</u>	<u>744.0</u>	<u>37,318.6</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>2,443,337</u>	<u>2,443,337</u>	<u>118,440,480</u>
10. Gross electrical energy generated (MWH)	<u>818,660</u>	<u>818,660</u>	<u>39,171,154</u>
11. Net electrical energy generated	<u>784,624</u>	<u>784,624</u>	<u>37,436,173</u>
12. Reactor service factor	<u>100.0</u>	<u>100.0</u>	<u>84.5</u>
13. Reactor availability factor	<u>100.0</u>	<u>100.0</u>	<u>84.5</u>
14. Unit service factor	<u>100.0</u>	<u>100.0</u>	<u>83.2</u>
15. Unit availability factor	<u>100.0</u>	<u>100.0</u>	<u>83.2</u>
16. Unit capacity factor (using MDC)	<u>102.3</u>	<u>102.3</u>	<u>80.9</u>
17. Unit capacity factor (Using Design MWe)	<u>98.8</u>	<u>98.8</u>	<u>78.2</u>
18. Unit forced outage rate	<u>0.0</u>	<u>0.0</u>	<u>5.1</u>
19. Shutdowns scheduled over next 6 months (type, date, & duration):
 Maintenance outage, 3/7/92, 10 days
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 2/13/92
COMPLETED BY V. Zabielski
TELEPHONE (609) 339-3506

MONTH January 1992

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
						None.

Summary

HOPE CREEK GENERATING STATION

MONTHLY OPERATING SUMMARY

January 1991

Hope Creek entered the month of January at approximately 100% power. The unit operated for the entire the month without experiencing any shutdowns or any reportable power reductions. On January 31, the plant completed its 265th day of continuous power operation.