

HOPE CREEK GENERATING STATION  
MONTHLY OPERATING SUMMARY  
NOVEMBER 1986

The Hope Creek Generating Station operated continuously from October 19, 1986 to November 14, 1986 when the reactor scrammed on a valid high reactor pressure signal. The scram was attributed to personnel error by startup personnel in the performance of turbine control valve testing. Following the scram the unit was placed in shutdown cooling and an unexplained failure of the B Residual Heat Removal Pump occurred. Control Room Operators observed high vibration readings and a significant increase in motor amps and subsequently removed the pump from service. Station management decided to replace the pump with a spare unit available on-site and following maintenance and retest activities, the reactor was restarted on November 28, 1986.

8612160017 861130  
PDR ADOCK 05000354  
R PDR

IE 24  
1/1

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-354

UNIT Hope Creek Gen. Station

DATE 12/3/86

COMPLETED BY Mike Phillips

TELEPHONE (609) 339-3738

MONTH November 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	590
1	-----
	581
2	-----
	778
3	-----
	677
4	-----
	185
5	-----
	649
6	-----
	519
7	-----
	634
8	-----
	930
9	-----
	963
10	-----
	1024
11	-----
	936
12	-----
	998
13	-----
	352
14	-----
	0
15	-----
	0
16	-----

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	0
17	-----
	0
18	-----
	0
19	-----
	0
20	-----
	0
21	-----
	0
22	-----
	0
23	-----
	0
24	-----
	0
25	-----
	0
26	-----
	0
27	-----
	0
28	-----
	0
29	-----
	170
30	-----
	-
31	-----

# OPERATING DATA REPORT

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-354

UNIT NAME Hope Creek Gen. Station

DATE 12/03/86

COMPLETED BY M. Phillips

REPORT MONTH November '86

TELEPHONE (609) 339-3738

NO.	DATE	TYPE F FORCED S SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/ COMMENTS
18	11/14	F	330	B	3	Power Ascension test Turbine Control valve. Extended outage on B RHR pump.

SUMMARY



# OPERATING DATA REPORT

DOCKET NO. 50-354  
UNIT Hope Creek Gen. Station  
DATE 12/03/86  
COMPLETED BY M. Phillips  
TELEPHONE (609) 339-3738

## OPERATING STATUS

- REPORTING PERIOD Nov '86 GROSS HOURS IN REPORTING PERIOD 720
- CURRENTLY AUTHORIZED POWER LEVEL (Mwt) 3293  
MAX. DEPEND. CAPACITY (MWe-Net) 1067  
DESIGN ELECTRICAL RATING (MWe-Net) 1067

- POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net) None
- REASONS FOR RESTRICTION (IF ANY)

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NO. OF HOURS REACTOR WAS CRITICAL	<u>375</u>	<u>2062</u>	<u>2062</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>339</u>	<u>1093</u>	<u>1093</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>788,515</u>	<u>1,831,136</u>	<u>1,831,136</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>231,933</u>	<u>505,307</u>	<u>505,307</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>231,273</u>	<u>472,946</u>	<u>472,946</u>
12. REACTOR SERVICE FACTOR	<u>-</u>	<u>-</u>	<u>-</u>
13. REACTOR AVAILABILITY FACTOR	<u>-</u>	<u>-</u>	<u>-</u>
14. UNIT SERVICE FACTOR	<u>-</u>	<u>-</u>	<u>-</u>
15. UNIT AVAILABILITY FACTOR	<u>-</u>	<u>-</u>	<u>-</u>
16. UNIT CAPACITY FACTOR (Using Design MDC)	<u>-</u>	<u>-</u>	<u>-</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>-</u>	<u>-</u>	<u>-</u>
18. UNIT FORCED OUTAGE DATE	<u>-</u>	<u>-</u>	<u>-</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION): Attached

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NA

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>6/28/86</u>
INITIAL ELECTRICITY	<u>-</u>	<u>8/1/86</u>
COMMERCIAL OPERATION	<u>12/15/86</u>	<u>-</u>

SCHEDULED SHUTDOWNS

(ITEM 19)

<u>TYPE</u>	<u>DATE</u>	<u>DURATION</u>
1. MSIV Isolation - Scram	12/03/86	2 days
2. Load Rejection - Scram	12/06/86	4.5 days



Public Service Electric and Gas Company P.O. Box L Hancocks Bridge, New Jersey 08038

Hope Creek Operations

December 3, 1986

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

Dear Sir:

MONTHLY OPERATING REPORT  
HOPE CREEK GENERATING 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 November are being forwarded to you.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "R. S. Salvesen".

R. S. Salvesen  
General Manager -  
Hope Creek Operations

WJM:tlb

Distribution

CC Regional Administrator USNRC  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Enclosures