#### HOPE CREEK GENERATING STATION MONTHLY OPERATING SUMMARY NOVEMBER 1986

The Hope Creek Generating Station operated continously 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.

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### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. \_50-354\_\_\_\_

UNIT \_ Hope Creek Gen. Station

DATE _12/3/86	DATE	_12/3/86
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COMPLETED BY \_\_Mike\_Phillips

MONTH	November 1986
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	590
2	581
3	778
4	677
5	185
6	649
7	519
8	634
9	930
10	963
11	1024
12	936
13	998
14	352
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	Ø
19	Ø
20	Ø
21	Ø
22	Ø
	Ø
23	Ø
24	Ø
25	Ø
26	Ø
27	Ø
28	Ø
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	в	3	Power Ascension test Turbine Control valve. Extended outage on B RHR pump.

SUMMARY

#### OPERATING DATA REPORT

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

8/1/86

#### OPERATING STATUS

- 1. REPORTING PERIOD Nov '86 GROSS HOURS IN REPORTING PERIOD 720
- 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt) 3293 MAX. DEPEND. CAPACITY (MWe-Net) 1067 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 375	DATE	CUMULATIVE
6.	REACTOR RESERVE SHUTDOWN HOURS	Ø	0	0
7.	HOURS GENERATOR ON LINE	339	1093	1093
8.	UNIT RESERVE SHUTDOWN HOURS	0	Ø	Ø
9.	GROSS THERMAL ENERGY GENERATED (MWH)	788,515	1,831,	136 1,831,136
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	231,933	505,	307 505,307
11.	NET ELECTRICAL ENERGY GENERATED (MWH)	231,273	472	946 472,946
12.	REACTOR SERVICE FACTOR			
13.	REACTOR AVAILABILITY FACTOR			
14.	UNIT SERVICE FACTOR			
15.	UNIT AVAILABILITY FACTOR			50. 
16.	UNIT CAPACITY FACTOR (Using Design MDC)			
17.	UNIT CAPACITY FACTOR (Using Design MWe)			
18.	UNIT FORCED OUTAGE DATE			
19.	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (T	YPE, DATE	E, & DUE	RATION): Attached
20.	IF SHUT DOWN AT END OF REPORT PERIOD, EST	IMATED DA	ATE OF S	STARTUP: NA
21.	UNITS IN TEST STATUS (PRIOR TO COMMERCIAL FORECAST INITIAL CRITICALITY	OPERATIC ACHIE	EVED	

12/15/86

INITIAL	CRITICALITY
INITIAL	ELECTRICITY
COMMERC:	IAL OPERATION

### SCHEDULED SHUTDOWNS

. . .

# (ITEM 19)

TYPE		DATE	DURATION	
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,

Mar

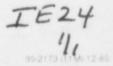
R. S. Salvesen General Manager -Hope Creek Operations

WJM:tlb

Distribution

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

Enclosures



The Energy People