PSEG

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

MAR 1 4 2000

LR-N00092

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

Gentlemen:

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 **February 2000** are being forwarded. No changes, tests, and experiments were implemented during **February 2000** that require a summary to be forwarded to you pursuant to the requirements of 10CFR50.59(b).

Sincerely,

Mark B. Bezilla
Vice President - Operations

RAR
Attachments

C Distribution

INDEX

SECTION	NUMBER OF PAGES
Operating Data Report	1
Monthly Operating Summary	1

DOCKET NO.: 50-354
UNIT: Hope Creek
DATE: 3/10/00
COMPLETED BY: F. Todd
TELEPHONE: (856) 339-1316

Reporting Period **February 2000**

OPERATING DATA REPORT

Design Electrical Rating (MWe-Net)	**1067**		
Maximum Dependable Capacity (MWe-Net)	**1031**		
	Month	**Year-to-date**	**Cumulative**
No. of hours reactor was critical	**696**	**1440**	**98167**
No. of hours generator was on line (service hours)	**696**	**1440**	**96587**
Unit reserve shutdown hours	**0**	**0**	**0**
Net Electrical Energy (MWH)	**698417**	**1473564**	**97772163**

UNIT SHUTDOWNS

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTION/ COMMENT

(1) Reason

A - Equipment Failure (Explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training/License Examination
F - Administrative
G - Operational Error (Explain)
H - Other

(2) Method

1 - Manual
2 - Manual Trip/Scram
3 - Automatic Trip/Scram
4 - Continuation
5 - Other (Explain)

DOCKET NO.: 50-354
UNIT: Hope Creek
DATE: 3/10/00
COMPLETED BY: R. Ritzman
TELEPHONE: (856) 339-1445

Summary Of Monthly Operating Experience

- Hope Creek entered the month of February at approximately 100% reactor power.
- Power was reduced on February 6 to repair 3C and 4C Feedwater Heater Dump Valves and was restored to approximately 100% on February 7.
- Power was reduced on February 14 for control rod pattern adjustments and was restored to approximately 100% later that day.
- Power was reduced on February 19 for scram time testing. The scram time testing was followed by an "A" Feedwater Heater String Outage. Power was restored to approximately 100% on February 28.
- At the end of the month, Hope Creek completed 181 days of continuous power operation.