



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

Nuclear Business Unit

OCT 15 1996

LR-N96328

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 **September 1996** are being forwarded to you with the summary of changes, tests, and experiments that were implemented during **August 1996** pursuant to the requirements of 10CFR50.59(b).

Sincerely yours,

Mark B. Bezilla
General Manager -
Hope Creek Operations

RH:LK:DS
Attachments

C Distribution

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PDR ADOCK 05000354
R PDR

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The power is in your hands.

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DOCKET NO.: 50-354
UNIT: Hope Creek
DATE: 10/04/96
COMPLETED BY: R. Harris
TELEPHONE: (609) 339-1777

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1026</u>	17	<u>1043</u>
2	<u>1028</u>	18	<u>1047</u>
3	<u>1036</u>	19	<u>1071</u>
4	<u>1090</u>	20	<u>1008</u>
5	<u>977</u>	21	<u>991</u>
6	<u>1027</u>	22	<u>904</u>
7	<u>1023</u>	23	<u>1048</u>
8	<u>1038</u>	24	<u>1049</u>
9	<u>1030</u>	25	<u>1048</u>
10	<u>966</u>	26	<u>1141</u>
11	<u>1105</u>	27	<u>1077</u>
12	<u>1035</u>	28	<u>1065</u>
13	<u>1047</u>	29	<u>971</u>
14	<u>1057</u>	30	<u>1007</u>
15	<u>1034</u>	31	<u>N/A</u>
16	<u>1043</u>		

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OPERATING DATA REPORT
OPERATING STATUS

1. Reporting Period September 1996 Gross Hours in Report Period 720
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)

	<u>This Month</u>	<u>Yr To Date</u>	<u>Cumulative</u>
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19. Shutdowns scheduled over next 6 months (type, date, & duration): Maintenance Outage starting November 2, 1996; 7 days breaker to breaker.
20. If shutdown at end of report period, estimated date of start-up:

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OPERATING DATA REPORT
UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH SEPTEMBER 1996

NO.	DATE	TYPE F=FORCED S=SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
n/a						

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DATE: 10/04/96
COMPLETED BY: L. Kepley
TELEPHONE: (609) 339-1106

REFUELING INFORMATION

MONTH SEPTEMBER 1996

1. Refueling information has changed from last month:
Yes — No X
2. Scheduled date for next refueling (RF07): 9/6/97
3. Scheduled date for restart following refueling: 11/5/97
- 4A. 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 (SORC)?
Yes — No X
If no, when is it scheduled? To Be Determined for Cycle 8 COLR
5. Scheduled date(s) for submitting proposed licensing action:
Not required.
6. Important licensing considerations associated with refueling:
N/A
7. Number of Fuel Assemblies:
A. Incore 764
B. In Spent Fuel Storage 1472
8. Present licensed spent fuel storage capacity: 4006
Future spent fuel storage capacity: 4006
9. Date of last refueling that can be discharged 5/3/2006
to spent fuel pool assuming the present licensed capacity: (EOC13)

(Does allow for full-core off-load)
(Assumes 244 bundle reloads every 18 months until then)
(Does not allow for smaller reloads due to improved fuel)

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MONTHLY OPERATING SUMMARY

MONTH SEPTEMBER 1996

- The Hope Creek Generating Station remained on-line for the entire month and operated at essentially 100% power for the month of September 1996 except two load reductions identified below.
- Power was reduced to 87% on September 1, 1996 starting at 0317 hours to perform monthly turbine valve testing. The unit was returned to 100% power on September 3, 1996 at 0822 hours.
- Power was reduced to 80% on September 20, 1996 starting at 2203 hours to perform deep shallow rod swap and monthly turbine valve testing. The unit was returned to 100% power on September 21, 1996 at 1017 hours.
- At the end of the month the unit had been on-line for 190 days.

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COMPLETED BY: L. Kepley
TELEPHONE: (609) 339-3517

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

MONTH SEPTEMBER 1996

The following items completed during **August 1996** have been evaluated to determine:

1. If the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report may be increased; or
2. If a possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report may be created; or
3. If the margin of safety as defined in the basis for any technical specification is reduced.

The 10CFR50.59 Safety Evaluations showed that these items did not create a new safety hazard to the plant nor did they affect the safe shutdown of the reactor. These items did not change the plant effluent releases and did not alter the existing environmental impact. The 10CFR50.59 Safety Evaluations determined that no unreviewed safety or environmental questions are involved.

Design Changes Summary of Safety Evaluations

The design changes that were implemented during the month of August will be discussed in a later report.

UFSAR Change Notices Summary of Safety Evaluations

- **UFSAR CHANGE NOTICE CN 95-05, UFSAR ORGANIZATIONAL UPDATE**

The Nuclear Business Unit (NBU) has been re-organized to improve the direction, control, oversight, and accountability over plant operations and support functions. These organizational changes required changes to the Hope Creek UFSAR. The NBU organizational changes addressed by this proposal are any changes which became effective through August 7, 1996. There is no reduction in the level of management control, responsibilities, training and qualifications, authority or commitments. The revised organizational structure should improve alignment of responsibilities and management focus on activities related to safety.

These changes are administrative in nature and have no effect on failure modes, operational transients, postulated design basis accidents, or assumptions contained in the plant safety analysis. Therefore, this UFSAR change does not increase the probability or consequences of an accident previously described in the UFSAR and does not involve an Unreviewed Safety Question.

- **UFSAR CHANGE NOTICE CN 96-09, FIRE LOAD CHANGE FOR ROOM 3356**

Room 3356 is located in the north end of the Radwaste Building 102' elevation and is separated from safety related cable and components in Fire Area AB3 by Branch Technical position 9.5-1 (BTP) fire barriers. This change notice was required due to the storage of approximately 4 gallons of a combustible solvent used as a parts cleaning solution. The solvent used in the parts cleaner is EPA 2000 which is a mineral oil having a flash point of 141 degrees F. The storage of these containers in the room required a revision to the fire load values in Table 9A-1 and Table 9A-6 of the Hope Creek UFSAR.

The addition of the solvent results in an approximate increase in fire load of 0.4 minutes in room 3356 and only 0.002 minutes in Fire Area AB3. These increases are insignificant and have no effect on the fire barriers encompassing the area. This additional load does not impact or limit the performance of the detection or suppression system in the area, nor is the performance of these systems impacted if the maximum quantity of solvent (42 gallons) is utilized in the future. The increased loading does not impact the structural steel fireproofing program, nor is there any impact to safe shutdown systems, functions, or Radwaste processes as discussed in table 9A-6 of the UFSAR.

This UFSAR change does not increase the probability or consequences of an accident previously described in the UFSAR and does not involve an Unreviewed Safety Question.

Temporary Modifications Summary of Safety Evaluations

There were no temporary modifications installed in the plant during the month of August, 1996.

Deficiency Reports Summary of Safety Evaluations

There were no new Deficiency Report safety evaluations completed in the month of August, 1996.

Procedures Summary of Safety Evaluations

There were no new procedure related safety evaluations completed for the month of August, 1996.