

MONTHLY OPERATING REPORT - DECEMBER 1987

At the beginning of the report period, Oyster Creek was operating at approximately 670 MWe.

Maximum generator load was maintained throughout the report period except for two (2) brief power reductions of approximately 20 MWe to perform turbine valve testing.

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MONTHLY OPERATING REPORT DECEMBER 1987

The following Licensee Event Reports were submitted during the month of December 1987:

LER 87-047: Reactor Scram Signal While Moving Reactor Mode Switch for Testing

On November 15, 1987 at 0940 hours, a reactor scram signal occurred while moving the reactor mode switch from SHUTDOWN to REFUEL to support testing of the Rod Worth Minimizer system. At the time, the plant was shutdown for maintenance. The scram was reset and operators ensured the plant was in a stable condition. The apparent cause of the occurrence is equipment malfunction. The mode switch was not completely in REFUEL, causing time delay relays to drop out, which resulted in a scram signal. The safety significance is minimal, representing only an unnecessary operation of the reactor protection system. An investigation revealed no defective relays or contacts. Future replacement of the mode switch will be evaluated.

LER 87-045: SGTS Initiation Due to Water Accumulation in the AOG System

On December 1, 1987 at 0933 hours a Reactor Building isolation and Standby Gas Treatment System (SGTS) auto initiation occurred. At the time the reactor was operating at full power. The cause of this event is attributed to Main Condenser offgas pressure oscillations causing offgas flow through a water seal in a drain line. The drain involved is normally open to allow water accumulated in the offgas line piping to exit to a sump located under the plant vent stack. Due to pressure oscillations in the offgas system, the offgas line became momentarily pressurized above the static head of the water seal pot. Hydrogen gas and radioactive gas were released. The reactor building vent monitor located near the sump alarmed causing the safety system actuation. Plant Emergency Operating Procedures were entered. All safety equipment functioned normally. The safety significance is considered minimal since only a small quantity of offgas was released to the area. The four (4) inch offgas line causing the pressure oscillations was drained and maintenance is scheduled to verify clear passage of the drain line.

REFUELING INFORMATION - DECEMBER, 1987

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: N/A

Scheduled date for restart following refueling:

Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes

Scheduled date(s) for submitting proposed licensing action and supporting information:

March 31, 1988

Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

1. General Electric Fuel Assemblies - fuel design and performance analysis methods have been approved by the NRC.
2. Exxon Fuel Assemblies - no major changes have been made nor are there any anticipated.

The number of fuel assemblies (a) in the core	= 560
(b) in the spent fuel storage pool	= 1392
(c) in dry storage	= 20

The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

Present licensed capacity: 2600

The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

Reracking of the fuel pool is in progress. Nine (9) out of ten (10) racks have been installed to date. When reracking is completed, discharge capacity to the spent fuel pool will be available until 1994 refueling outage.

OPERATING DATA REPORT
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 12/87
3. UTILITY CONTACT: DONALD V. NOTIGAN 609-971-4695
4. LICENSED THERMAL POWER (MWt): 1930
5. NAMEPLATE RATING (Gross MWe): $687.5 \times 0.8 = 550$
6. DESIGN ELECTRICAL RATING (NET MWe): 650
7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 650
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 620
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS:
NONE
10. POWER LEVEL TO WHICH RESTRICTED, IF ANY (Net MWe):
11. REASON FOR RESTRICTION, IF ANY:
NONE

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. REPORT PERIOD HRS.	744.0	8760.0	157993.0
13. HOURS RX CRITICAL	744.0	5619.9	100456.4
14. RX RESERVE SHTDWN HRS.	0.0	0.0	918.2
15. HRS.GENERATOR ON-LINE	744.0	5422.9	97792.9
16. UT RESERVE SHTDWN HRS.	0.0	0.0	1208.6
17. GROSS THERM ENER (MWH)	1431000	9691404	162647789
18. GROSS ELEC ENER (MWH)	497569	3250109	54918354
19. NET ELEC ENER (MWH)	480060	3110919	52720996
20. UT SERVICE FACTOR	100.0	61.9	61.9
21. UT AVAIL FACTOR	100.0	61.9	62.7
22. UT CAP FACTOR (MDC NET)	104.1	57.3	53.8
23. UT CAP FACTOR (DER NET)	99.3	54.6	51.3
24. UT FORCED OUTAGE RATE	0.0	27.3	11.5
25. FORCED OUTAGE HRS.	0.0	2034.5	12686.3
26. SHUTDOWNS SCHED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):			
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME: N/A			

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #50219
UNIT.....O.C. #1
REPORT DATE.....JANUARY 4, 1988
COMPILED BY.....DONALD V. NOTIGAN
TELEPHONE.....609-971-4695

MONTH: DECEMBER, 1987

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1	645	17	646
2	648	18	646
3	646	19	647
4	650	20	646
5	645	21	647
6	645	22	645
7	646	23	645
8	644	24	644
9	646	25	645
10	647	26	645
11	645	27	644
12	642	28	645
13	645	29	642
14	647	30	644
15	645	31	642
16	647		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1987

DOCKET NO. 50-219
 UNIT NAME Oyster Creek
 DATE January 1988
 COMPLETED BY R. Baran
 TELEPHONE 971-4640

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
66	9/10/87	F	1804.4	A	1				Maintenance outage following forced shutdown - September 10 to November 24.

¹
 F: Forced
 S: Scheduled

²
 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 (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source



GPU Nuclear Corporation

Post Office Box 388
Route 9 South
Forked River, New Jersey 08731-0388
609 971-4000
Writer's Direct Dial Number:

January 15, 1988

Director
Office of Management Information
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Monthly Operating Report

In accordance with the Oyster Creek Nuclear Generating Station Operating License No. DPR-16, Appendix A, Section 6.9.1.C, enclosed are two (2) copies of the Monthly Operating Data (gray book information) for the Oyster Creek Nuclear Generating Station.

If you should have any questions, please contact Mr. Joseph D. Kowalski, Oyster Creek Licensing Manager at (609)971-4643.

Very truly yours,

Peter B. Fiedler
Vice President and Director
Oyster Creek

PBF:KB:dmd(0841A)
Enclosures

cc: Director (10)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. William T. Russell, Administrator
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U.S. Nuclear Regulatory Commission
631 Park Avenue
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Mr. Alexander W. Dromerick, Project Manager
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Bethesda, MD 20014

NRC Resident Inspector
Oyster Creek Nuclear Generating Station