

MONTHLY OPERATING REPORT - APRIL 1988

At the beginning of the report period, Oyster Creek was operating at approximately 662 MWe. Brief power reductions were required during the month to perform Turbine Valve testing.

On April 4, plant load was reduced to 528 MWe to correct a malfunction of the Main Flash Tank Level Control System. While at reduced power, 'B' reactor recirculation pump motor generator (MG-Set) was removed from service to facilitate brush replacement. Load was increased to 665 MWe on April 5, after completion of repairs.

Load was reduced to 633 MWe on April 13 to accommodate brush and collector ring preventive maintenance on 'A' reactor recirculation pump MG-Set. Full load (665 MWe) was achieved on April 15, following completion of MG-Set preventive maintenance.

On April 19, plant load was reduced approximately 5 MWe to reduce the frequency of spurious acoustic monitor alarms associated with reactor safety valve NR28J and electromatic relief valve NR108C.

On April 20, load was reduced to 400 MWe to allow replacement of 'A' condensate pump mechanical seals.

On April 21, load was further reduced to 227 MWe to perform a full closure test on Main Steam Isolation Valve NS03A. The full closure test was required to confirm operability after the valve failed to move off its open seat while performing a 5% closure test. After passing the full closure test, three (3) consecutive 5% closure tests were satisfactorily performed and the valve was considered operable. Load was then increased to 430 MWe and held at that level pending completion of 'A' condensate pump repair.

Full load (658 MWe) was achieved on April 22 after completion of condensate pump repairs and maintained at that level for the balance of the report period.

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MONTHLY OPERATING REPORT APRIL 1988

The following Licensee Event Reports were submitted during the month of April 1988:

LER 88-006 - PAST MODIFICATION CAUSES FOUR ISOLATION CONDENSER PIPE BREAK SENSORS TO BE OUT OF SPECIFICATION DURING SURVEILLANCE

During a surveillance test on March 25, 1988 at 1300 hours, four of eight isolation condenser pipe break sensors trip tested at a differential pressure greater than the maximum allowable trip setpoint specified in the technical specifications. At the time of the occurrence the plant was in the RUN mode at 100% power. The cause of the event is a combination of a 1980 field modification on the switches and various switch component problems. The safety significance is minimal due to the operability of other pipe break sensors, area radiation monitors and area temperature monitors. Immediate corrective action was taken to adjust the switches to trip within Technical Specification limits. Long term corrective action is to replace up to four reactor protection system digital sensors during the plant's next refueling outage (fourth quarter 1988), monitor their performance over the subsequent operating cycle, and replace the isolation condenser pipe break sensors during the following refueling outage provided the operation of the new sensors proves acceptable.

LER 88-005 - DEGRADED STANDBY GAS TREATMENT SYSTEM DUE TO PERSONNEL ERROR

On March 24, 1988, at approximately 1525 hours, it was discovered that a tagging error caused components of both Standby Gas Treatment Systems (SGTS) to be inoperable due to personnel error. At the time, the reactor was operating at 100% power. SGTS train one (1) had its fan breaker de-energized which rendered it totally inoperable while SGTS train two (2) had an instrument power fuse pulled for maintenance which placed it in a degraded mode. It was actually intended that SGTS train two (2) fan breaker be de-energized but the operator preparing the paperwork made an error that was not identified by subsequent independent review. Operation of SGTS train two (2) in this degraded mode would result in lower air flow from the Reactor Building and lower iodine removal efficiency by the charcoal filter. The total time the systems were in this configuration was about two (2) hours. A previous evaluation shows that, in this degraded mode, the charcoal efficiency is still adequate to control releases of iodine within 10CFR100 limits. The reduction in flow rate would have been limited by restricting orifices to approximately 100 cubic feet per minute. Even with this reduction of flow, the system would still have been above the minimum required flow to perform its function. Therefore, the safety significance is considered minimal. Corrective action includes management reinforcement of expected performance and required reading for licensed operators.

OPERATING DATA REPORT
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: APRIL, 1988
3. UTILITY CONTACT: JOHN H. SEDAR, JR. 609-971-4698
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): 642
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 620
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS:
MDC GROSS IS CHANGED TO REFLECT SUMMER GENERATION, NOT WINTER.
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	719.0	2903.0	160896.0
13. HOURS RX CRITICAL	719.0	2903.0	103359.4
14. RX RESERVE SHTDWN HRS	0.0	0.0	918.2
15. HRS GENERATOR ON-LINE	719.0	2903.0	100695.9
16. UT RESERVE SHTDWN HRS	0.0	0.0	1208.6
17. GROSS THERM ENER (MWH)	1356000	5516000	168163789
18. GROSS ELEC ENER (MWH)	464380	1899770	56818124
19. NET ELEC ENER (MWH)	447695	1831844	54552840
20. UT SERVICE FACTOR	100.0	100.0	62.6
21. UT AVAIL FACTOR	100.0	100.0	63.3
22. UT CAP FACTOR (MDC NET)	100.4	101.8	54.7
23. UT CAP FACTOR (DER NET)	95.8	97.1	52.2
24. UT FORCED OUTAGE RATE	0.0	0.0	11.2
25. FORCED OUTAGE HRS	0.0	0.0	12686.3

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION): Cycle 12
refueling outage scheduled for October 1 through December 29, 1988

27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME: N/A

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REFUELING INFORMATION - APRIL, 1988

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: October 1, 1988

Scheduled date for restart following refueling: January 1, 1989

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:

Technical Specification Change Request No. 166 was submitted
March 30, 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.

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET # 50219
UNIT OYSTER CREEK #1
REPORT DATE May 03, 1988
COMPILED BY JOHN H. SEDAR JR.
TELEPHONE # 609-971-4698

MONTH APRIL, 1988

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	640	17	640
2.	641	18	641
3.	613	19	636
4.	600	20	511
5.	634	21	415
6.	641	22	611
7.	639	23	634
8.	642	24	634
9.	643	25	635
10.	642	26	634
11.	641	27	631
12.	641	28	631
13.	633	29	633
14.	611	30	633
15.	634		
16.	641		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: April 1988

DOCKET NO. 50-219
 UNIT NAME Oyster Creek
 DATE May 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 of 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:

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

May 12, 1988

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,

E. E. Fitzpatrick
Vice President and Director
Oyster Creek

EEF: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
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Avenue
King of Prussia, PA 19406

Mr. Alexander W. Dromerick, Project Manager
U.S. Nuclear Regulatory Commission
Division of Reactor Projects I/II
Washington, DC 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station

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