

## MONTHLY OPERATIONS REPORT

October 1983

Throughout the report period the Oyster Creek station remained shutdown for the 1983 Refueling/Maintenance Outage.

During the report period, the overhaul of reactor boundary valves in the Recirculation System, Reactor Coolant Cleanup System, and Shutdown Cooling System was completed. The reactor head was removed and the reactor vessel was reflooded. The Reactor Coolant Cleanup System was placed in service and once adequate water clarity was established the annulus shield blocks were removed. The reactor cavity was flooded to a few feet above the reactor vessel flange on October 27th to identify the location of a cavity leak; however, the source of the leak was not identified. The leak was not significant enough to prevent delaying the flooding evolution, thus flooding of the reactor cavity was recommenced on October 29th and completed on October 31, 1983. Investigation into the cavity leak location will proceed when the cavity is drained again later in the outage.

CRD Pump "B" is currently out-of-service due to a bearing problem. "A" CRD Pump was inoperable for a one day period due to an oiler problem.

The plant continued to experience air compressor problems during the report period. Air Compressor No. 1 was out of service twice during the report period for a total of 16 days. Air Compressor No. 2 was inoperable once during the report period for two days. Air Compressor No. 3 was out of service four different times in October for a total of approximately four days. The major problems with the air compressors continue to be valve related. Air Compressor No. 1 also had piston seal ring problems.

On October 12, 1983, the plant lost the entire "A" side of the plant's electrical system due to a fault on emergency bus "1C". The cause of the fault was traced to one of the cables running from bus "1C" to Diesel Generator No. 1. Due to this malfunction, Diesel Generator No. 1 will remain inoperable until cable replacement is completed. The cables from the bus to Diesel Generator No. 1 were disconnected and "1C" bus was returned to service on October 20, 1983. Cable was ordered to complete the required cable replacement. Presently, the Turbine Building, Reactor Building, and Intake Structure Motor Control Centers (1A1, 1A2, 1A3) are cross-tied to the "B" bus side of the plant's electrical system to facilitate maintenance on electrical breakers. Emergency bus "1C" is being supplied by startup transformer "SA".

The condensate transfer system was returned to service after valve and line leak repairs were completed.

At the end of the report period, final preparations were being made to start recirculation valve packing and recirculation pump seal replacement and the uncoupling of approximately 50 CRD's to support the CRD rebuild/replace effort.

The following items were also considered noteworthy:

1. "D" Augmented Fuel Pool Pump was out of service on three different occasions during the report period due mainly to pump bearing problems. "B" Fuel Pool Pump was inoperable for a one day period due to an electrical problem.
2. Overhaul of Fire Diesel Pump No. 1 was completed. Presently overhauling Fire Diesel Pump No. 2.
3. Service Water Pump No. 1 was inoperable for a one day period for breaker maintenance. Service Water Pump No. 2 was out-of-service twice during the report period, once for a megger check and once for repairs to its oiler solenoid valve. Currently, No. 2 Service Water Pump remains out-of-service for solenoid valve repairs.
4. Plugging of RBCCW Heat Exchanger 1-1 was completed. Plugging of RBCCW Heat Exchanger 1-2 is in progress in conjunction with shell weld repairs.
5. The first two phases of torus sandblasting were completed. Personnel are currently performing NDE of the torus vent headers and shell to evaluate a pitting problem.
6. Both fuel zone level instrumentation channels were made operable to support vessel flood.
7. The Stack Gas Sample System isokinetic probe was reinstalled.
8. The Stator Winding Cooling System was secured and drained for maintenance and inspection.
9. Inspection/rebuild of MSIV NS04A and NS04B commenced. Reassembly of NS04B started on October 22nd (no major problems with valve). Inspection of MSIV NS04A is in progress.
10. A plant emergency drill was held on October 25, 1983.

The following Licensee Event Report was submitted during October 1983:

Reportable Occurrence No. 50-219/83-20/03L:

On September 16, 1983, while performing undervoltage (UV) trip time operability and trip bar actuation torque tests of 480 V switchgear breakers, service water pump 1-2 circuit breaker failed to trip when the UV device was de-energized. This condition would have prevented the associated diesel generator load sequence timer from operating within the time limitation specified in the Technical Specifications had a loss of offsite power occurred. The cause was high torque on the UV device trip shaft due to a burr on the latch surface of the trip latch. Complete preventive maintenance was performed on the breaker, the burr removed, and the breaker satisfactorily tested and returned to service.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1983

DOCKET NO. 50-219  
 UNIT NAME Oyster Creek  
 DATE 11-1-83  
 COMPLETED BY R. Baran  
 TELEPHONE 971-4640

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
31	2-11-83	S	6288	C	1	N/A	ZZ	ZZZZZZ	Start of 1983 Refuel/Maintenance outage

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

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

<sup>5</sup>  
 Exhibit I - Same Source

OPERATING DATA REPORT  
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: October, 1983
3. UTILITY CONTACT: JOSEPH R. MOLNAR 609-971-4699
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	745.0	7,296.0	121,464.0
13. HOURS RX CRITICAL	0.0	1,009.6	84,622.8
14. RX RESERVE SHTDWN HRS	0.0	0.0	468.2
15. HRS GENERATOR ON -LINE	0.0	1,007.8	82,693.6
16. UT RESERVE SHTDWN HRS	0.0	0.0	0.0
17. GROSS THERM ENER (MWH)	0.0	853,300.0	136,224,730.5
18. GROSS ELEC ENER (MWH)	0.0	244,630.0	46,056,905.0
19. NET ELEC ENER (MWH)	-1,730.0	208,853.0	44,289,381.0
20. UT SERVICE FACTOR	0.0	13.8	68.1
21. UT AVAIL FACTOR	0.0	13.8	68.1
22. UT CAP FACTOR (MCD NET)	0.0	4.6	58.8
23. UT CAP FACTOR (DER NET)	0.0	4.4	56.1
24. UT FORCED OUTAGE RATE	0.0	0.0	9.7
25. FORCED OUTAGE HRS	0.0	0.0	8,916.8
26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):	N/A		
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME:	03/23/84		



AVERAGE DAILY POWER LEVEL  
NET MWe

DOCKET # . . . . . 50-219  
UNIT . . . . . Oyster Creek #1  
REPORT DATE . . . . . NOVEMBER 03, 1983  
COMPILED BY . . . . . JOSEPH R. MOLNAR  
TELEPHONE # . . . . . 609-971-4699

MONTH OCTOBER, 1983

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	0	16.	0
2.	0	17.	0
3.	0	18.	0
4.	0	19.	0
5.	0	20.	0
6.	0	21.	0
7.	0	22.	0
8.	0	23.	0
9.	0	24.	0
10.	0	25.	0
11.	0	26.	0
12.	0	27.	0
13.	0	28.	0
14.	0	29.	0
15.	0	30.	0
		31.	0

REFUELING INFORMATION - October, 1983

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: Presently shutdown for Refueling

Scheduled date for restart following refueling: March 23, 1984

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

Technical Specification Change Request No. 96 was submitted on August 31, 1982 for incorporation of GE assemblies into the Cycle 10 core.

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

October 28, 1983 - The final supplement to the reload analysis, delineating the specific core configuration for Cycle 10 operation, was submitted.

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. New operating procedures, if necessary, will be submitted at a later date.
2. Exxon Fuel Assemblies - no major changes have been made nor are there any anticipated.

The number of fuel assemblies (a) in the core = 0  
(b) in the spent fuel storage pool = 1375

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: 1,800                      Planned: 2,600

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

Full core offload capability will be lost after the 1985 outage. Batch discharge capability will be lost after the 1987 outage. Expanded spent fuel pool rack capacity (2,600) is scheduled for 1984.



**GPU Nuclear Corporation**

Post Office Box 388  
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609 971-4000  
Writer's Direct Dial Number:

November 15, 1983

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

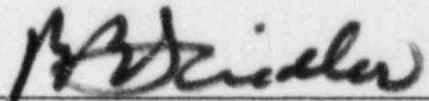
Dear Sir:

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. Michael Laggart at (609) 971-4643.

Very truly yours,

  
Peter B. Fiedler  
Vice President and Director  
Oyster Creek

PBF:PFC:dam  
Enclosures

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

Regional Administrator (1)  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

NRC Resident Inspector  
Oyster Creek Nuclear Generating Station  
Forked River, NJ 08731

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11