

## MONTHLY OPERATIONS REPORT

JULY 1983

At the beginning of the report period, the OC Station was shutdown for the 1983 Refueling/Maintenance Outage. All fuel remains out of the reactor vessel which is drained for maintenance.

The Condensate System was restarted after the startup transformer (Bank B) was returned to service.

The plant experienced a lightning strike on July 5, 1983 which caused a trip of substation breakers "N7" and "D8". Consequently, various plant loads were lost including the plant Security Computer.

While replacing Reactor Protection System Relay 1K72 (Drywell Isolation), fuse 6F7 in Panel 11F failed causing a Drywell Isolation. The fuse was replaced and the isolation signal reset.

Additionally, the following items were considered noteworthy:

1. Due to a wiring error, a temporary transformer to provide power service was destroyed when it was initially energized. A result of this incident caused a drywell isolation, a loss of the ventilation systems in the Reactor and Turbine Buildings, initiation of the standby gas treatment system, trip of the running air compressor and loss of lighting in various parts of the plant.
2. The bearings in Standby Gas Treatment System Fan EF 1-B were replaced.
3. A tube leak in "A" Fuel Pool Heat Exchanger was repaired.
4. No. 2 boiler was returned to service after an extensive tube replacement which took approximately two months.
5. Diesel Generator No. 1 was taken out of service for one (1) day in order to troubleshoot a relay problem discovered during surveillance testing.
6. RBCW Pump 1-1 was returned to service after motor replacement.

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PDR ADOCK 05000219  
R PDR

The following Licensee Event Reports were submitted during July 1983:

Reportable Occurrence No. 50-219/83-04/03L:

During preventive maintenance on CRD Pump NCO8A circuit breaker it was found that with the undervoltage trip device de-energized the trip shaft mechanism could not prevent breaker closure due to binding. Binding and friction in the trip shaft bearing was caused by oxidized lubricant.

Reportable Occurrence No. 50-219/83-15/03L:

While performing preventive maintenance on Reactor Building Closed Cooling Water Pump 1-1 circuit breaker a twisted wire gag was found tied around the armature of the undervoltage trip device. Placement of the wire around the armature obstructed free movement of the device which prevented the circuit breaker from tripping upon loss of power. This condition also caused damage to the static time delay box and the blowing of its control power fuses. The cause was attributed to personnel error and lack of procedural control.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-219  
UNIT NAME Oyster Creek  
DATE 8-15-83  
COMPLETED BY R. Baran  
TELEPHONE 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	4080	C	1	NA	ZZ	ZZZZZZ	Start of 1983 Refueling 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. UTILITY CONTACT: Joseph R. Molnar 609-971-4699
3. REPORTING PERIOD: JULY, 1983
4. LICENSED THERMAL POWER (MWt): 1930
5. NAMEPLATE RATING (GROSS MWe):  $687.5 * 0.8 = 550$
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): N/A
11. REASON FOR RESTRICTION, IF ANY: N/A

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. REPORT PERIOD HRS	744	5,087.0	119,255.0
13. HOURS RX CRITICAL	0	1,009.6	84,622.8
14. RX RESERVE SHUTDOWN HOURS	0	0.0	468.2
15. HRS GENERATOR ON-LINE	0	1,007.8	82,693.5
16. UT RESERVE SHUTDOWN HOURS	0	0.0	0.0
17. GROSS THERMAL ENER (MWH)	0	853,300.0	136,224,730.5
18. GROSS ELEC ENER (MWH)	0	244,630.0	46,056,905.0
19. NET ELEC ENER (MWH)	-1,907	213,528.0	44,294,056.0
20. UT SERVICE FACTOR	0	19.8	69.3
21. UT AVAIL FACTOR	0	19.8	69.3
22. UT CAP FACTOR (MDC NET)	0	6.8	59.9
23. UT CAP FACTOR (DER NET)	0	6.5	57.1
24. UT FORCED OUTAGE RATE	0	0.0	9.7
25. FORCED OUTAGE HOURS	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:	1/12/84		

AVERAGE DAILY POWER LEVEL  
NET MWe

DOCKET # . . . . . 50-219  
 UNIT . . . . . O.C. #1  
 REPORT DATE. . . . . AUGUST 2, 1983  
 COMPILED BY. . . . . ROBERT J. FRICK  
 TELEPHONE. . . . . 609-971-4699

MONTH: JULY, 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 - JULY, 1983

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: Presently shutdown for Refueling

Scheduled date for restart following refueling: January 12, 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 fuel assemblies into the Cycle 10 core.

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

September, 1983 - The final supplement to the reload analysis, delineating the specific core configuration for Cycle 10 operation, will be 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	-	1341

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 the 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:

The Spring 1987 Outage\*

\*Note: This is for a normal refueling. Full core off-load, however, can only be accommodated through about 1983 or 1984 with 1,800 licensed locations.



**GPU Nuclear**

P.O. Box 388  
Forked River, New Jersey 08731  
609-693-6000  
Writer's Direct Dial Number:

August 18, 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 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:jal  
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 (1)  
Oyster Creek Nuclear Generating Station  
Forked River, NJ 08731

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