

MONTHLY OPERATING REPORT - NOVEMBER 1985

At the beginning of the report period, Oyster Creek was in cold shutdown.

On November 11, diesel generator No. 2 was declared inoperable due to failure of the electric governor. Diesel generator No. 1 was out-of-service at the time for battery replacement. On November 12, following completion of battery replacement, diesel generator No. 1 was returned to service. On November 15, the electric governor was repaired and diesel generator No. 2 returned to service.

Following completion of outage work scope and surveillances, reactor startup commenced at 2145 hours on November 16, and criticality was achieved at 2300 hours. A drywell inspection was performed at a reactor pressure of 1000 psig on the morning of November 17, during which a small packing leak on main steam line valve V-25-23 was identified. Subsequent attempts to correct the leak by adjusting valve packing and backseating were unsuccessful. A decision was made to continue with plant startup and schedule repairs during the 1986 Refueling Outage or next target of opportunity.

Reactor power was subsequently increased and 'A', 'B' and 'C' electromatic relief valves were successfully tested. Primary containment inerting commenced, the reactor mode switch placed in "RUN" and the generator placed on-line at 1526 hours on November 18. Power was increased to 360 MWe by the end of the day and maintained at that level to establish Xenon equilibrium to accommodate core flux profile checks.

On the morning of November 20, a generator trip occurred due to a current transformer (CT) failure which activated 'B' phase differential relay 87G. Since reactor power was greater than 40%, an anticipatory scram occurred. The failed CT was subsequently replaced with an installed spare. Reactor startup commenced at 1250 hours on November 23, and criticality was achieved at 1435 hours. The reactor mode switch was placed in "RUN" at 0155 hours on November 24 and the generator placed on-line at 0352 hours. Plant load of 500 MWe was achieved by the end of the day. On November 25, power was increased to 635 MWe, limited by second stage steam reheaters being out-of-service. The reheaters were out-of-service due to a failed diaphragm in air-operated pressure regulating valve PRV-2.

On November 26, RE22B main steam line high flow sensor failed surveillance testing due to a faulty micro-switch. In accordance with Technical Specifications, a reactor shutdown commenced at 1200 hours with plant load at 636 MWe. Plant shutdown was terminated at 1524 hours following switch replacement and completion of required testing.

On November 27, the air-operated pressure regulating valve diaphragm was replaced and second stage steam reheaters returned to service. Power was subsequently increased to approximately 650 MWe and maintained for the balance of the report period.

REFUELING INFORMATION - November, 1985

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: April 12, 1986

Scheduled date for restart following refueling: October 12, 1986

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:

April, 1986

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	= 560
(b) in the spent fuel storage pool	= 1204
(c) in the dry storage	= 4
(d) in temporary storage	= 204

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. Four 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 1990 refueling outage.

OPERATING DATA REPORT  
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: November, 1985
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): NONE
11. REASON FOR RESTRICTION, IF ANY: NONE

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. REPORT PERIOD HRS	720.0	8016.0	139729.0
13. HOURS RX CRITICAL	258.5	6118.5	91746.4
14. RX RESERVE SHUTDOWN HRS	0.0	0.0	469.7
15. HRS GENERATOR ON-LINE	205.6	5838.4	89375.1
16. UT RESERVE SHUTDOWN HRS	423.4	753.1	755.8
17. GROSS THERM ENER (MWH)	368700	10324140	147586469
18. GROSS ELEC ENER (MWH)	114210	3471180	49854175
19. NET ELEC ENER (MWH)	106210	3326239	47888804
20. UT SERVICE FACTOR	28.6	72.8	64.0
21. UT AVAIL FACTOR	87.4	82.2	64.5
22. UT CAP FACTOR (MDC NET)	23.8	66.9	55.3
23. UT CAP FACTOR (DER NET)	22.7	63.8	52.7
24. UT FORCED OUTAGE RATE	30.7	19.6	10.4
25. FORCED OUTAGE HRS	91.0	1424.5	10375.6
26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION): Refueling, April 12, 1986, 6 months			
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME: N/A			

AVERAGE DAILY POWER LEVEL  
NET MWe

DOCKET #. . . . .50-219  
UNIT. . . . .Oyster Creek #1  
REPORT DATE . . . . .DECEMBER 04, 1985  
COMPILED BY . . . . .WILLIAM J. EMRICH, Jr.  
TELEPHONE # . . . . .609-971-4637

MONTH: NOVEMBER, 1985

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	0	16.	0
2.	0	17.	0
3.	0	18.	75
4.	0	19.	336
5.	0	20.	130
6.	0	21.	0
7.	0	22.	0
8.	0	23.	0
9.	0	24.	358
10.	0	25.	572
11.	0	26.	591
12.	0	27.	617
13.	0	28.	625
14.	0	29.	625
15.	0	30.	626

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1985

DOCKET NO. 50-219  
 UNIT NAME Oyster Creek  
 DATE November 1985  
 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
41	10/19/85	S	733.5	B	1	N/A	ZZ	ZZZZZZ	10M Maintenance Outage
42	11/20/85	F	115.0	A	3	N/A	ZZ	ZZZZZZ	Anticipatory reactor scram due to a generator trip. Generator trip caused by current differential relay 87G actuating when the "B" phase current transformer failed.

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

<sup>2</sup>  
 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)

<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



**GPU Nuclear Corporation**

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

December 13, 1985

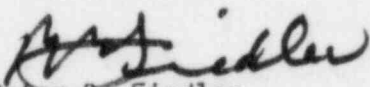
Dear Sir:

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. Drew Holland at (609) 971-4643.

Very truly yours,

  
Peter B. Fiedler  
Vice President and Director  
Oyster Creek

PBF:KB:dam(0170A)  
Enclosures

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

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NRC Resident Inspector  
Oyster Creek Nuclear Generating Station

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