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Writer's Direct Dial Number:

C321-94-2160
October 12, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

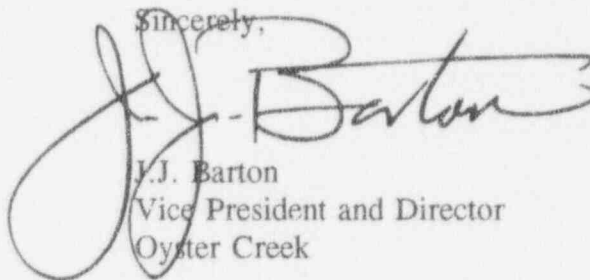
Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Monthly Operating Report - September, 1994

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 Brenda DeMerchant, Oyster Creek Licensing Engineer at (609) 971-4642.

Sincerely,



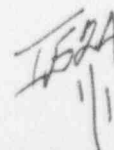
J.J. Barton
Vice President and Director
Oyster Creek

JJB/BDEM: jc
Attachment

cc: Administrator, Region 1
Senior NRC Resident Inspector
Oyster Creek NRC Project Manager

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SUMMARY

September, 1994

Oyster Creek entered September at full power and maintained full power operation until September 9, 1994 when the shutdown for the fifteenth refueling outage began. The generator was taken off-line at 2:49 AM September 10, 1994. The plant generated 127,456 net megawatt hours for the month of September.

MONTHLY OPERATING REPORT

LICENSEE EVENT REPORT

The following Licensee Event Report was submitted during the month of **September, 1994:**

LER 94-015

On August 8, 1994 at approximately 1100 hours, both Containment Spray and Emergency Service Water systems were declared inoperable due to lower than expected flow rates for Emergency Service Water pumps due to a release of biological material within the system that plugged the flow sensing element. A 30 hour plant shutdown was commenced per Technical Specifications. System 2 was then started, run, and declared operable after continued operation raised the indicated flow to within the operability limit. The reactor was returned to full power prior to completion of the shutdown. The cause of this event was determined to be the release of Blue Mussel shells and other biological debris into the system.

Immediate corrective action was taken to clean, inspect, and return the systems to operability. Additional corrective actions are planned to inspect and clean Emergency Service Water piping during the upcoming refueling outage and install inspection ports in the affected systems to assist in the early detection of possible future biological concerns

OPERATING DATA REPORT

OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 9/94
3. UTILITY CONTACT: PAUL G. EDELMANN (609-971-4097)
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): 632
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 610
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 HOURS	720.0	6551.0	217151.0
13. HOURS RX CRITICAL	223.9	5776.0	145375.0
14. RX RESERVE SHUTDOWN HRS	0.0	0.0	918.2
15. HRS GENERATOR ON-LINE	218.8	5717.4	141919.1
16. UT RESERVE SHTDWN HRS	0.0	0.0	0.0
17. GROSS THERM ENERGY (MWH)	408442	10785252	243898629
18. GROSS ELEC ENERGY (MWH)	134461	3571502	81815816
19. NET ELEC ENERGY (MWH)	127456	3433179	78480893
20. UT SERVICE FACTOR	30.4	87.3	65.4
21. UT AVAIL FACTOR	30.4	87.3	65.4
22. UT CAP FACTOR (MDC NET)	29.0	85.9	59.0
23. UT CAP FACTOR (DER NET)	27.2	80.6	55.6
24. UT FORCED OUTAGE PATE	0.0	5.5	10.3
25. FORCED OUTAGE HRS	0.0	332.5	16289.8
26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION): 15-R OUTAGE, SEPTEMBER 10, 1994, 65 DAYS			
27. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE: 14 NOV 94			

AVERAGE DAILY POWER LEVEL

NET MWe

DOCKET #.50-219
 UNIT. OYSTER CREEK #1
 REPORT DATE. 10-04-94
 COMPILED BY PAUL G. EDELMANN
 TELEPHONE # 609-971-4097

MONTH: SEPTEMBER, 1994

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	609	16.	0
2.	611	17.	0
3.	607	18.	0
4.	615	19.	0
5.	618	20.	0
6.	618	21.	0
7.	615	22.	0
8.	614	23.	0
9.	473	24.	0
10.	7	25.	0
11.	0	26.	0
12.	0	27.	0
13.	0	28.	0
14.	0	29.	0
15.	0	30.	0
		31.	

Oyster Creek Station #1

Docket No. 50-219

REFUELING INFORMATION - SEPTEMBER, 1994

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown:

September 10, 1994

Scheduled date for restart following refueling: Currently projected for
November 14, 1994

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

No

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.

The number of fuel assemblies	(a) in the core	=	0
	(b) in the spent fuel storage pool	=	2600
	(c) in dry storage	=	32

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

Planned Increase in Licensed Storage Capacity: 45

The actual fuel storage capacity of the spent fuel pool is 2645 assemblies.
The projected date of the last refueling that can be discharged to the spent fuel
pool assuming the present licensed capacity:

Based on a reload of 172 bundles, full core discharge capacity to the
spent fuel pool will be lost after the 1994 refueling outage.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-219

UNIT NAME: Oyster Creek

DATE: October 7, 1994

COMPLT'D BY: Brenda DeMerchant

TELEPHONE: 609-971-4642

REPORT MONTH: September, 1994

No.	DATE	TYPE	DURATION (Hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/ COMMENTS
		F: Forced S: Scheduled				
7	940909	S	501.2	c	1	Plant manually shutdown to commence 15th refueling outage.

Summary :

(1) REASON

- | | |
|--------------------------------|----------------------------------|
| a. Equipment Failure (Explain) | e. Operator Training & Lic Exam. |
| b. Maintenance or Test | f. Administrative |
| c. Refueling | g. Operational Error (Explain) |
| d. Regulatory Restriction | h. Other (Explain) |

(2) METHOD

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