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Tel 609-971-4000

September 15, 1997  
6730-97-2233

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Dear Sir:

SUBJECT: Oyster Creek Nuclear Generating Station  
Docket No. 50-219  
Monthly Operating Report - August, 1997

Enclosed are two copies of the August, 1997 Monthly Operating Report for Oyster Creek Nuclear Station. The content and format of information submitted in this report is in accordance with the guidance provided by Generic Letter 97-02.

If you should have any questions, please contact Ms. Brenda DeMerchant, Oyster Creek Regulatory Affairs Engineer, at 609-971-4642.

Very truly yours,

*for* Michael B. Roche  
Vice President & Director  
Oyster Creek

MBR/PDeM/gl

Enclosures

cc: Administrator, Region I (2 copies)  
NRC Project Manager  
NRC Sr. Resident Inspector

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APPENDIX A  
Operating Data Report

Docket No.: 50-219  
Date: September 13, 1997  
Completed By: Rick Nash  
Telephone: (609) 971-4851

REPORTING PERIOD: August, 1997

		MONTH	YEAR TO DATE	CUMULATIVE
1.	<b>DESIGN ELECTRICAL RATING (MWe NET).</b> The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.	650	*	*
2.	<b>MAXIMUM DEPENDABLE CAPACITY (MWe NET).</b> The gross electrical output as measured at the output terminals of the turbine generator during the most restrictive seasonal conditions minus the normal station service loads.	619	*	*
3.	<b>NUMBER OF HOURS REACTOR WAS CRITICAL.</b> The total number of hours during the gross hours of the reporting period that the reactor was critical.	489.1	**5328.0	**166,916.8
4.	<b>HOURS GENERATOR ON LINE.</b> (Service Hours) The total number of hours during the gross hours of the reporting period that the unit operated with the breakers closed to the station bus. The sum of the hours that the generator was on line plus the total outage hours in the reporting period.	445.8	5236.3	163,154.1
5.	<b>UNIT RESERVE SHUTDOWN HOURS.</b> The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation.	0	0	0
6.	<b>NET ELECTRICAL ENERGY (MWH).</b> The gross electrical output of the unit measured at the output terminals of the turbine generator minus the normal station service loads during the gross hours of the reporting period, expressed in megawatt hours. Negative quantities should not be used.	264,576	3,222,525	95,230,112

\* Design values have no "Year to Date" or "Cumulative" significance.

\*\* April, 1997, "Hours Critical" reported as 535.9, should have been 539.4. Difference of 3.5 hours.

# Appendix B

## Unit Shutdowns

Docket No. 50-219  
 Date: 09/08/97  
 Completed By: Rick Nash  
 Telephone: (609)971-4851

Reporting Period: August 1997

No.	Date	Type*	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause & Corrective Action to Prevent Recurrence
4	970801	F	298.2	H	2	Oyster Creek Nuclear Generating Station was manually scrammed at 1340 on August 1, 1997, due to a reported fire in the generator exciter. The plant was restarted on August 10, 1997, but due to an isolation condenser shell temperature approaching saturation conditions (during plant heatup), the plant was shut down on August 11, 1997, for isolation condenser valve diagnostics. The plant was restarted on August 12, 1997, and the generator synchronized to the grid on August 13, 1997.

\*  
 F Forced  
 S Scheduled

<sup>1</sup>  
Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & Licensing Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

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

Summary: Oyster Creek generated 264,579 MWH net electric during August which was 57.4% of its MDC rated capacity.