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Tel 609-971-4000

November 15, 1996  
6730-96-2339

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 - October, 1996

In accordance with the Oyster Creek Nuclear Generating Station Operating License No. DPR-16, Appendix A, Section 6.9.1, 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 Ms. Brenda DeMerchant, Oyster Creek Regulatory Affairs Engineer, at 609-971-4642.

Very truly yours,

Michael B. Roche  
Vice President & Director  
Oyster Creek

MBR/BDeM/gl

Enclosures

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

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## SUMMARY

October, 1996

When October began, Oyster Creek was in its 16th. refueling outage. On October 20, 1996, the plant began startup, but was forced to shut down due to an excessive steam leak from V-1-312. After repairing the valve, the plant started up and the generator was placed on line at 1957 on October 23, 1996, officially ending 16R. On October 25, 1996, plant operators manually scrammed the reactor in response to a generator runback. The plant remained shutdown for the remainder of October.

The plant generated 13,273 net MWH during the month and achieved an MDC net capacity factor of 2.9%.

## MONTHLY OPERATING REPORT

### Licensee Event Reports - October, 1996

LER 96-007 was filed October 4, 1996.

On September 4, 1996, the A North Main Condenser was being placed into backwash mode for routine cleaning. The A North inlet valve did not close resulting in a decrease in condenser vacuum. A low vacuum reactor scram occurred as designed. A pressure increase occurred as expected and two of the five Electromatic Relief Valves actuated to relieve pressure until the condenser bypass valves opened. The root cause of the event was the valve motor controller which did not close the valve on demand.

The safety significance of this event has been determined to be minimal as all safety systems functioned as designed.

Immediate corrective action was taken to stabilize the plant and subsequently place the reactor in the cold shutdown mode. Prior to restart from the current 16R refueling outage, corrective actions will be taken to repair the controller and evaluate the deficiency for potential generic concerns.

Oyster Creek Station #1  
Docket No. 50-219

Refueling Information - October, 1996

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: September 1998

Scheduled date for restart following refueling: October 1998

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                    | = | 560  |
|                                | (b) | in the spent fuel storage pool | = | 2236 |
|                                | (c) | in the new fuel storage vault  | = | 8    |

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: 2645

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

Full core discharge capacity to the spent fuel pool was lost after the 1996 refueling outage.

AVERAGE DAILY POWER LEVEL  
NET MWe

|                       |                 |
|-----------------------|-----------------|
| DOCKET # . . . . .    | 50-219          |
| UNIT . . . . .        | Oyster Creek #1 |
| REPORT DATE . . . . . | 11/1/96         |
| COMPILED BY. . . . .  | Rick Nash       |
| TELEPHONE #. . . . .  | (609) 971-4851  |

Month: October, 1996

| DAY | MW | DAY | MW  |
|-----|----|-----|-----|
| 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  | 37  |
| 9   | 0  | 24  | 374 |
| 10  | 0  | 25  | 299 |
| 11  | 0  | 26  | 0   |
| 12  | 0  | 27  | 0   |
| 13  | 0  | 28  | 0   |
| 14  | 0  | 29  | 0   |
| 15  | 0  | 30  | 0   |
|     |    | 31  | 0   |

# OPERATING DATA REPORT

## OPERATING STATUS

|   |                           |             |                   |
|---|---------------------------|-------------|-------------------|
| 1. Docket:  | 50-219                    |             |                   |
| 2. Reporting Period:  | October, 1996             |             |                   |
| 3. Utility Contact  | Rick Nash (609)-971-4851  |             |                   |
| 4. Licensed Thermal Power (MWt):                                  | 1930                      |             |                   |
| 5. Nameplate Rating (Gross MWe):                                  | 687.5 x 0.8 = 550         |             |                   |
| 6. Design Electrical Rating (Net MWe)                             | 650                       |             |                   |
| 7. Maximum Dependable Capacity (Gross MWe):                       | 641                       |             |                   |
| 8. Maximum Dependable Capacity (Net MWe):                         | 619                       |             |                   |
| 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   | 745.0                     | 7320.0      | 235440.0          |
| 13. Hours RX Critical   | 104.4                     | 5916.9      | 160249.7          |
| 14. RX Reserve Shutdown Hours                                     | 0.0                       | 0.0         | 918.2             |
| 15. Hours Generator On-Line                                       | 40.0                      | 5796.5      | 156607.2          |
| 16. UT Reserve Shutdown Hours                                     | 0.0                       | 0.0         | 0.0               |
| 17. Gross Thermal Energy (MWH)                                    | 61975                     | 10885320    | 271404813         |
| 18. Gross Electric Energy (MWH)                                   | 18165                     | 3650279     | 91067854          |
| 19. Net Electric Energy (MWH)                                     | 13273                     | 3509855     | 87379020          |
| 20. UT Service Factor   | 5.4                       | 79.2        | 66.5              |
| 21. UT Available Factor   | 5.4                       | 79.2        | 66.5              |
| 22. UT Capacity Factor (MDC Net)                                  | 2.9                       | 77.5        | 60.5              |
| 23. UT Capacity Factor (DER Net)                                  | 2.7                       | 73.8        | 57.1              |
| 24. UT Forced Outage Rate   | 83.5                      | 7.1         | 9.8               |
| 25. Forced Outage Hours   | 203.2                     | 445.7       | 16983.9           |
| 26. Shutdowns Scheduled Over Next 6 Months (Type, Date, Duration) | None                      |             |                   |
| 27. Currently Shutdown, Estimated Startup Date:                   | November 6, 1996 (actual) |             |                   |

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-219  
 UNIT NAME: Oyster Creek  
 DATE: November 11, 1996  
 COMPLT'D BY: David M. Egan  
 TELEPHONE: 609/971-4818

REPORT MONTH: October 1996

| No. | DATE     | TYPE<br>F: Forced<br>S: Scheduled | DURATION<br>(hours) | REASON (1) | METHOD OF SHUTTING<br>DOWN THE REACTOR<br>OR REDUCING POWER<br>(2) | CORRECTIVE ACTIONS/COMMENTS   |
|-----|----------|-----------------------------------|---------------------|------------|--|---|
| 6   | 9/4/96   | S<br><br>F                        | 501.8<br><br>46.2   | a<br><br>a | 3  | Plant trip on Low Condenser Vacuum. A valve controller problem during condenser backwash was the root cause of the event. Plant remained shutdown. Scheduled start of 16R reached on 9/7/96. 46.2 hours of 16R unscheduled from 10/21/96 to 10/23/96 due to V-1-312 steam leak. |
| 7   | 10/25/96 | F                                 | 157.0               | a          | 2  | Manual Scram at 1200 on 10/25/96 in response to a Generator Runback.  |

## SUMMARY:

### (1) REASON

- a. Equipment Failure (Explain)
- b. Maintenance or Test
- c. Refueling
- d. Regulatory Restriction

- e. Operator Training & Lic Exam
- f. Administrative
- g. Operational Error (Explain)
- h. Other (Explain)

### (2) METHOD

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