

Nuclear

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October 16, 1989

U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

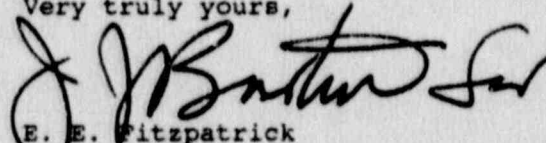
Dear Sir:

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 (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 Kathy Barnes, Oyster Creek Licensing at (609) 971-4390.

Very truly yours,


E. E. Fitzpatrick
Vice President and Director
Oyster Creek

EEF:KFB:jmd
(0841A)
Enclosures

cc: Mr. William T. Russell, Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Avenue
King of Prussia, PA 19406

Mr. Alexander W. Dromerick, Project Manager
U.S. Nuclear Regulatory Commission
Washington, DC 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station

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OPERATING DATA REPORT

OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 09/89
3. UTILITY CONTACT: JEFF YEAGER 609-971-4585
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): 642
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 | 6551.0 | 173327.0 |
| 13. HOURS RX CRITICAL | 523.3 | 2974.8 | 109220.2 |
| 14. RX RESERVE SHTDWN HRS | 0.0 | 0.0 | 918.2 |
| 15. HRS GENERATOR ON-LINE | 424.2 | 2672.0 | 106215.5 |
| 16. UT RESERVE SHTDWN HRS | 0.0 | 0.0 | 1208.6 |
| 17. GROSS THERM ENER (MWH) | 687000 | 4023670 | 177544559 |
| 18. GROSS ELEC ENER (MWH) | 210350 | 1259010 | 59863194 |
| 19. NET ELEC ENER (MWH) | 199460 | 1182349 | 57442217 |
| 20. UT SERVICE FACTOR | 58.9 | 40.8 | 61.3 |
| 21. UT AVAIL FACTOR | 58.9 | 40.8 | 62.0 |
| 22. UT CAP FACTOR (MDC NET) | 44.7 | 29.1 | 53.5 |
| 23. UT CAP FACTOR (DER NET) | 42.6 | 27.8 | 51.0 |
| 24. UT FORCED OUTAGE RATE | 35.9 | 20.9 | 11.8 |
| 25. FORCED OUTAGE HRS | 237.4 | 706.7 | 14217.4 |
| 26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION): None | | | |
| 27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME: N/A | | | |

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #50219
UNIT.OYSTER CREEK #1
REPORT DATEOCTOBER 3, 1989
COMPILED BYJEFF YEAGER
TELEPHONE #609-971-4585

MONTH SEPTEMBER, 1989

| <u>DAY</u> | <u>MW</u> | <u>DAY</u> | <u>MW</u> |
|------------|-----------|------------|-----------|
| 1. | 393 | 17. | 0 |
| 2. | 392 | 18. | 39 |
| 3. | 394 | 19. | 422 |
| 4. | 394 | 20. | 577 |
| 5. | 395 | 21. | 542 |
| 6. | 393 | 22. | 351 |
| 7. | 382 | 23. | 0 |
| 8. | 394 | 24. | 0 |
| 9. | 31 | 25. | 227 |
| 10. | 0 | 26. | 551 |
| 11. | 0 | 27. | 625 |
| 12. | 0 | 28. | 628 |
| 13. | 0 | 29. | 628 |
| 14. | 0 | 30. | 629 |
| 15. | 0 | | |
| 16. | 0 | | |

REFUELING INFORMATION - SEPTEMBER, 1989

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: January 11, 1991 pending necessary state approval.

Scheduled date for restart following refueling: April 13, 1991

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:

July 15, 1990

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.
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 | = | 1595 |
| (c) in dry storage | = | 37 |

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. Nine (9) 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 1994 refueling outage.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-219
 UNIT NAME Oyster Creek
 DATE October, 1989
 COMPLETED BY R. Baran
 TELEPHONE 971-4640

REPORT MONTH Septmber, 1989

| NO. | DATE | TYPE F: Forced S: Scheduled | DURATION (Hours) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2) | CORRECTIVE ACTIONS/COMMENTS |
|-----|---------|-----------------------------------|---------------------|------------|---|---|
| 83 | 9/9/89 | F | 223.2 | D | 1 | Initially removed the generator from service to complete installation of the new MiB main transformer. Due to a pending expiration of a 7 day Technical Specification Clock on No. 1 Diesel Generator, a Reactor shutdown was required. |
| 84 | 9/18/89 | S | 5.2 | B | N/A | Removed the generator from service to test the Main Transformer. |
| 85 | 9/22/89 | F | 65.4 | G | 3 | Automatic Rx Scram on an anticipatory turbine trip signal. The main turbine tripped due to a high Rx water level signal as a result of a valving error on an instrument rack. |

Summary :

(1) REASON

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

METHOD

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

MONTHLY OPERATING REPORT - SEPTEMBER 1989

At the beginning of the report period, Oyster Creek was operating at a gross generator load of 410 MWe. Plant load was limited due to only one main transformer in service.

On September 7, a reactor low level transient occurred while attempting to place a feedwater string in service. Operators took immediate actions to recover reactor level. At the end of the transient, the plant was operating at a gross generator load of 367 MWe and power was increased to 410 MWe.

On September 9, a load reduction commenced to facilitate the final installation of the second main transformer. The reactor was placed in a hot standby condition at approximately 25% power.

On September 11, due to the expiration of a 7 day Technical Specification clock on an emergency diesel generator, the plant was placed in a cold shutdown condition. Following repairs to the diesel generator and completion of transformer installation, reactor startup commenced on September 17. Following final adjustments, inspections and tests of the replacement transformer, the generator was placed on-line on September 18. Full power was achieved on September 20, with a gross generator load of 642 MWe.

On September 20, plant load was reduced to approximately 555 MWe to facilitate repairs to a condenser tube leak. Plant load was increased on September 22 and subsequently returned to full power.

On September 22, a generator trip occurred during performance of a reactor water level test and calibration due to a valving error and caused a reactor scram due to an anticipatory turbine trip signal. The plant responded as expected during the transient and was subsequently placed in a cold shutdown condition.

Following completion of root cause analysis of the plant trip and evaluation of the plant condition, reactor startup commenced on September 24. The generator was placed on-line September 25. Maximum plant load, approximately 650 MWe, was achieved on September 26 and maintained for the balance of the report period.