

MONTHLY OPERATING REPORT - DECEMBER, 1991

As the beginning of the month, plant load was limited by control valve position, with the second stage reheaters out of service due to a steam leak on the 1-5 drain tank level column. This has been a recurring problem throughout the month, and typically limited generator output to 66 MWe (reactor power 1907 MWth). Repeated attempts to repair the steam leak prove unsuccessful, and the plant ended the report period with the second stage reheaters out of service.

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The following Licensee Event Report was submitted during the month of December, 1991.

LER 91-008

On November 12, 1991 a difference between test measured and indicated feedwater flow was discovered as a result of a special lithium nitrate flow test. This difference was 1.19% in the non conservative direction with respect to the feedwater flow impact on the heat balance.

The exact cause of the 1.19% difference in feedwater flow cannot be determined. Existing plant instrumentation accuracy, calibration techniques, a change in nozzle discharge coefficient or feedwater piping erosion upstream of the feedwater nozzles may have contributed to the difference observed.

Oyster Creek thermal limits are based, in part, on a 1.76% standard deviation for the uncertainty in feedwater flow. Therefore, the error found in the feedwater flow was within the accepted uncertainty and the safety significance of this event is minimal.

Indicated reactor power was reduced by 1.2% to account for the feedwater flow difference. The heat balance calculations were revised to account for the observed difference in feedwater flow.

REFUELING INFORMATION - DECEMBER, 1991

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: January 15, 1993

Scheduled date for restart following refueling: March 30, 1993

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.
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	=	1708
	(c) in dry storage	=	44

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:

Full core discharge capacity to the spent fuel pool will be available through the 1996 refueling outage.

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET # 50-219
UNIT OYSTER CREEK #1
REPORT DATE JANUARY 3, 1992
COMPILED BY ED BRADLEY
TELEPHONE # 609-971-4097

MONTH: DECEMBER, 1991

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	623	16.	626
2.	624	17.	623
3.	621	18.	628
4.	627	19.	629
5.	628	20.	630
6.	629	21.	629
7.	627	22.	629
8.	625	23.	629
9.	624	24.	626
10.	627	25.	626
11.	627	26.	615
12.	628	27.	620
13.	628	28.	625
14.	628	29.	625
15.	627	30.	625
		31.	626

OPERATING DATA REPORT
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 12/91
3. UTILITY CONTACT: ED BRADLEY (603)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	744.0	8760.0	193056.0
13. HOURS RX CRITICAL	744.0	5297.6	124362.7
14. RX RESERVE SHUTDOWN HRS	0.0	0.0	918.2
15. HRS GENERATOR ON-LINE	744.0	5169.3	121082.3
16. UT RESERVE SHUTDOWN HRS	0.0	0.0	1208.6
17. GROSS THERM ENERGY (MWH)	1423764	9430403	204325719
18. GROSS ELEC ENERGY (MWH)	483163	3079707	68685630
19. NET ELEC ENERGY (MWH)	465689	2946656	65906688
20. UT SERVICE FACTOR	100.0	59.0	62.7
21. UT AVAIL FACTOR	100.0	59.0	63.3
22. UT CAP FACTOR (MDC NET)	102.6	54.7	55.1
23. UT CAP FACTOR (DER NET)	96.3	51.8	52.5
24. UT FORCED OUTAGE RATE	0.0	7.5	11.5
25. FORCED OUTAGE HRS	0.0	421.2	1561.2

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):
NONE
27. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:
N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-219
 UNIT NAME: Oyster Creek
 DATE: December, 1991
 COMPLT'D BY: R. Henriksen
 TELEPHONE: 4872

REPORT MONTH: December, 1991

No.	DATE	TYPE	DURATION (Hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/ COMMENTS
		F: Forced S: Scheduled				
						No Unit Shutdowns or power reductions completed during this report month.

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)

REVISED PAGES