

MONTHLY OPERATING REPORT - JULY, 1991

At the beginning of July, Oyster Creek was increasing power as planned following the 13th refueling outage. Full power was achieved on July 2, 1991. On July 13, 1991, power was reduced due to problems with the 'A' feedwater pump. On July 22, 1991 the reactor was shutdown in a controlled manner due to a leak in a condensate transfer line. Following completion of repairs and other maintenance, reactor start-up was commenced on July 31, 1991. The generator was placed "on-line" August 1, 1991.

## MONTHLY OPERATING REPORT, JULY 1991

The following Licensee Reports were submitted during the month of July, 1991.

### LER 91-001R1

On March 1, 1991 at 1755 hours, deluge systems were taken out of service without establishing a continuous firewatch in accordance with Technical Specifications. The cause of this occurrence is attributed to a failure to adequately control firewatch activities. This event is considered to have minimal safety significance because all of the fire detection sensors and systems for the affected areas were operable and would have provided an alarm to the control room had a fire condition occurred. A fire condition therefore would have been detected early and the deluge systems could have been manually actuated or any one of eight hose stations utilized to extinguish a fire. Corrective action includes a lessons-learned lecture for fire watch personnel and a revision to the procedure controlling fire watches.

### LER 91-002

During the 3R Refueling Outage, local leak rate testing (in accordance with 10CFR50, Appendix J) identified a Main Steam Isolation Valve (MSIV) with a leak rate in excess of the acceptance criteria of 12.08 SCFH at 20 psig as specified in Technical Specifications 4.5.F.2. The safety significance of this discovery is considered minimal since the other MSIV in the same header met the local leak rate test requirements.

Subsequent local leak rate testing identified a pair of isolation valves (in series) with a potential leak rate in excess of the acceptance criteria of 60% of the maximum allowable limit (La) at 35 psig as specified in Technical Specifications 4.5.F.1. Since the root cause for the excessive leakage past the Reactor Building-to-Torus vacuum breakers has not been identified, a root cause evaluation will be performed and a follow-up LER will be forwarded when the evaluation is completed.

These leaking valves were repaired and subsequent local leak rate testing verified that leakage rates were within the acceptance criteria.

Due to an improper interpretation of reporting requirements implemented by a recent Technical Specification Amendment, this condition was not reported within 30 days as required by 10CFR50.73.

REFUELING INFORMATION - JULY, 1991

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: November 27, 1992

Scheduled date for restart following refueling: February 9, 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:

The reracking of the fuel pool is now complete. All ten (10) racks are now installed. Discharge capacity to the spent fuel pool will be available through the 1994 refueling outage.

# AVERAGE DAILY POWER LEVEL

NET MWC

DOCKET #. . . . . 50219  
 UNIT. . . . . OYSTER CREEK #1  
 REPORT DATE. . . . . AUGUST 2, 1991  
 COMPILED BY . . . . . ED BRADLEY  
 TELEPHONE # . . . . . 609-971-4097

MONTH: JULY, 1991

<u>DAY</u>	<u>MW</u>	<u>DAY</u>	<u>MW</u>
1.	433	16.	415
2.	571	17.	411
3.	560	18.	412
4.	602	19.	408
5.	449	20.	408
6.	600	21.	406
7.	597	22.	147
8.	592	23.	0
9.	599	24.	0
10.	599	25.	0
11.	602	26.	0
12.	594	27.	0
13.	445	28.	0
14.	417	29.	0
15.	417	30.	0
		31.	0

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-219  
 UNIT NAME Oyster Creek  
 DATE Aug, 1991  
 COMPLETED BY R. Baran  
 TELEPHONE 971-4986

REPORT MONTH July, 1991

NO.	DATE	TYPE F: Forced S: Scheduled	DURATION (Hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
105	910628	S	0.9	B	1	Turbine Overspeed Test and Calibration. (Procedure 625.4.001)
106	910713	F	0	H	N/A	Load reduction due to loss of 'A' Rx Feed Water Pump.
107	910722	F	229	A	2	13-U-1 outage to repair Condensate Storage Tank Line Leak.

## Summary :

(1) REASON

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

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

METHOD

- 1. Manual
- 2. Manual Scram
- 3. Automatic Scram

OPERATING DATA REPORT  
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 7/91
3. UTILITY CONTACT: ED BRADLEY (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): 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 HOURS	744.0	5087.0	189383.0
13. HOURS RX CRITICAL	517.9	1753.2	120818.4
14. RX RESERVE SHUTDOWN HRS	0.0	0.0	918.2
15. HRS GENERATOR ON-LINE	515.1	1693.0	117606.0
16. UT RESERVE SHUTDOWN HRS	0.0	0.0	1208.6
17. GROSS THERM ENERGY (MWH)	844241	3016361	197911317
18. GROSS ELEC ENERGY (MWH)	266920	991080	66597003
19. NET ELEC ENERGY (MWH)	255138	937522	63897554
20. UT SERVICE FACTOR	69.2	33.3	62.1
21. UT AVAIL FACTOR	69.2	33.3	62.7
22. UT CAP FACTOR (MDC NET)	55.3	29.7	54.4
23. UT CAP FACTOR (DER NET)	52.8	28.4	51.9
24. UT FORCED OUTAGE RATE	30.8	11.9	11.6
25. FORCED OUTAGE HRS	228.9	228.9	15498.9

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):

NONE

27. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:

N/A