



Jersey Central Power & Light Company
Madison Avenue at Punch Bowl Road
Morristown, New Jersey 07960
(201) 455-8200

August 14, 1979

Mr. Boyce H. Grier, Director
Office of Inspection and Enforcement
Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

Subject: Oyster Creek Station
Docket No. 50-219
Monthly Operating Data

Enclosed are ten copies of the monthly operating data (Gray Book Information) regarding our Oyster Creek Nuclear Generating Station.

Very truly yours,

Ivan R. Finckel
Ivan R. Finckel, Jr.
Vice President

cs

Enclosures

cc: Director (2 copies)
Office of Management and Program Analysis
United States Nuclear Regulatory Commission
Washington, DC 20555

Director of Regulatory Operations (1 copy) ✓
United States Nuclear Regulatory Commission
Washington, DC 20555

OPERATING STATUS

UNIT NAME...OYSTER CREEK

DOCKET NUMBER...50-219

UTILITY DATA PREPARED BY...C.H. MCCLAIN 201-455-8748

REPORTING PERIOD... July 1979

LICENSED THERMAL POWER(MWT)...1930

NAMEPLATE RATING(GROSS MWE)...650

DESIGN ELECTRICAL RATING(NET MWE)...650

MAXIMUM DEPENDABLE CAPACITY(GROSS MWE)...650

MAXIMUM DEPENDABLE CAPACITY(NET MWE)...620

IF CHANGES OCCUR IN CAPACITY RATING SINCE LAST REPORT, GIVE REASON...
NONE

POWER LEVEL TO WHICH RESTRICTED, IF ANY(NET MWE)... NO RESTFICTION

REASON FOR RESTRICTION, IF ANY...
NO RESTRICTION

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	744.0	5087.0	84191.0
HOURS RX CRITICAL	744.0	4005.0	65026.1
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	744.0	3939.7	63721.0
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	1365852.0	7298901.4	107334896.4
GROSS ELEC ENERGY	459110.0	2507160.0	36647165.0
NET ELEC ENERGY	442284.0	2410487.0	35328277.0
UT SERVICE FACTOR	100.0	77.4	75.7
UT AVAILABILITY FACTOR	100.0	77.4	75.7
UT CAPACITY FACTOR ADD	95.9	76.4	69.5
UT CAPACITY FACTOR DER	91.5	72.9	64.6
FORCED OUTAGE FACTOR	0.0	32.6	6.7

THE NEXT SCHEDULED OUTAGE IS TO BEGIN ON JANUARY 5, 1979

POOR ORIGINAL

800

319

21

AVERAGE DAILY POWER LEVEL

DOCKET #..... 50-219
 UNIT..... O. C. #1
 REPORT DATE... August 10, 1977
 COMPILED BY... C.H. MCCLAIN
 TELEPHONE..... 201-455-8748

MONTH July 1979

DAY	MM	DAY	MM
1.	616.	17.	581.
2.	628.	18.	588.
3.	630.	19.	576.
4.	632.	20.	454.
5.	633.	21.	599.
6.	636.	22.	608.
7.	636.	23.	615.
8.	632.	24.	617.
9.	625.	25.	616.
10.	625.	26.	606.
11.	628.	27.	610.
12.	626.	28.	614.
13.	591.	29.	613.
14.	354.	30.	615.
15.	444.	31.	608.
16.	574.		

POOR ORIGINAL

800 320²

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-219
 UNIT NAME Oyster Creek #1
 DATE August 10, 1979
 COMPLETED BY C. H. McClain
 TELEPHONE 201-455-8748

REPORT MONTH July 1979

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
5	790715	F	0	E	N/A	N/A	ZZ	ZZZZZ	Load was reduced to clear debris from the north side of the circulating water intake.
6	790719	F	0	A	N/A	50-219/79-23	CB	ZZZZZ	Load was reduced when "A" recirculating pump was removed from service to repair arcing brushes on the M-6 set. "D" recirculating pump has remained non-operational.

1 F: Forced
S: Scheduled

2 Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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

4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LICR) File (NUREG-0161)

5 Exhibit I - Same Source

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(9/77)

MONTHLY OPERATING SUMMARY - JULY 1979

The unit was operating at near full power at the beginning of the report period. On July 13, load was reduced to approximately 40% to perform a control rod pattern exchange. On July 14, load was again reduced to approximately 45% to clear debris from the north side of the circulating water intake.

On July 16, 1979, adjustments were made to the steam jet air ejector steam supply pressure, correcting "C" condenser vacuum problem.

While reducing power to repair 1A3 feedwater heater relief valve, the "A" reactor recirculation pump was removed from service to repair arcing brushes on the M-3 set. A reactor shutdown was commenced since only three recirculation pumps were in service. RO 79-23. The shutdown was terminated when the "A" recirc pump was returned to service. Load was reduced to approximately 40% to repair the heater relief valve.

Several load reductions were required to maintain condenser discharge temperature within the environmental Technical Specification limits. On July 25 and 26, 1979, the 106°F. condenser discharge limit was exceeded due to a calibration error. (Non-Routine Environmental Operating Report #79-1)

One reportable occurrence occurred during the month:

RO 79-23 occurred on July 19, 1979, when the reactor was operated with three (3) recirculation pumps in service.

CORRECTIVE ELECTRICAL MAINTENANCE ON QASL ITEMS FOR THE MONTH OF JULY 1979

<u>Item #</u>	<u>J.O. #</u>	<u>QASL #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1			Emerg. Service Water	Replace control fuses with new	Changed fuses and tested system
2			No. 1 Condensate Transfer Pump	Breaker trips when pump turns off at local switch	Breaker found below trip specs -replaced with new breaker- tested OK
3			Torus to Drywell Vacuum Breakers	Check jam nuts on position switches	All jam nuts found OK Valves checked by operators after inspection
4			1-7 Sump Drain Valves	V-24-37 gives both open and close indication in test position	Found switch loose and mis- adjusted - readjusted
			Personnel Airlock 23'NW	Interlocks not working properly	Tightened screws on bracket

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CORRECTIVE MECHANICAL MAINTENANCE ON QASL ITEMS FOR THE MONTH OF JULY 1979

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	Cleanup system V-16-13	Packing leak	Adjusted packing
2	1-1 Diesel Fire Pump	Leakage in cooling system	Replaced cooling heat exchangers and o-rings
3	CRD accumulator 22-43	V-111 leaking	Replaced with a rebuilt bonnet
4	New radwaste service water pump A	Lower pump bearing running hot	Replaced bearings, couplings and bushings

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CORRECTIVE INSTRUMENT MAINTENANCE ON QASL ITEMS FOR THE MONTH OF JULY 1979

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	Panel 10F Alarms	Various malfunctioning alarms	Replaced wobulator card
2	IRM Channel 12	Chart reading greater than +3% of value	Cleaned slidewire and calibrated
3	Reactor Water Level	Control Room Yarways have different indications	Calibrated Yarway in System I
4	Area and Vent Radiation Monitor Recorder (10F)	Goes out of synch on every cycle	Adjusted stepping solenoid
5	Stack Gas "B" Recorder (10F)	Broken pen - isolates over 1000 cps	Replaced wiper assembly cleaned and lubricated - adjusted recorder to match front panel alarms
6	Rx Hi/Lo Water Level Alarm	Doesn't reset - switch hanging	Lubricated and reset switch
7	CRD 18-23	No Red/Red on position 48	Found pin #21 bent and pushed back in connection
8	ABXG Radiation Monitor	Channel did not initiating high alarm	Micro switch on recorder found out of adjustment - adjusted to spec
9	Control Room Recorder	Alarm coming in every cycle - position #4 Cont. Spray Pump Temp.	Reset all alarm points and calibrated recorder
10	MSL Radiation Monitor	Discrepancy in alarms	Cleaned and lubricated switch contacts

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REFUELING INFORMATION - JULY 1979

Name of facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: January 5, 1980

Scheduled date for restart following refueling: March 15, 1980

Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

No Technical Specification change relative to the refueling is anticipated.

Scheduled date(s) for submitting proposed licensing action and supporting information:

1. October 1979 - Cycle independent General Electric fuel design information and safety analysis for future use.
2. No submittal is scheduled for the use of Exxon fuel.

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 NRC. New operating procedures, if necessary, will be submitted at a later date.
2. Exxon Fuel Assemblies - No major changes have been made, nor are there are any anticipated.

The number of fuel assemblies (a) in the core - 560
(b) in the spent fuel storage pool - 620

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: 1,800 Planned: 2,600

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

The Spring 1987 Outage.