

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-219
 UNIT Oyster Creek #1
 DATE February 14, 1979
 COMPLETED BY C. M. McClain
 TELEPHONE 201-455-8748

MONTH January 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>643</u>
2	<u>644</u>
3	<u>641</u>
4	<u>636</u>
5	<u>630</u>
6	<u>622</u>
7	<u>637</u>
8	<u>636</u>
9	<u>637</u>
10	<u>635</u>
11	<u>635</u>
12	<u>633</u>
13	<u>609</u>
14	<u>627</u>
15	<u>411</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>237</u>
20	<u>576</u>
21	<u>638</u>
22	<u>646</u>
23	<u>648</u>
24	<u>649</u>
25	<u>649</u>
26	<u>649</u>
27	<u>649</u>
28	<u>650</u>
29	<u>648</u>
30	<u>650</u>
31	<u>649</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

7902230107

OPERATING DATA REPORT

DOCKET NO. 50-219
 DATE February 14, 1979
 COMPLETED BY C. M. McClain
 TELEPHONE 201-455-8748

OPERATING STATUS

1. Unit Name: Oyster Creek #1
2. Reporting Period: January 1979
3. Licensed Thermal Power (MWt): 1930
4. Nameplate Rating (Gross MWe): 650
5. Design Electrical Rating (Net MWe): 650
6. Maximum Dependable Capacity (Gross MWe): 650
7. Maximum Dependable Capacity (Net MWe): 620
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): No restriction.
10. Reasons For Restrictions, If Any: No restriction.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>744.0</u>	<u>79848.0</u>
12. Number Of Hours Reactor Was Critical	<u>670.1</u>	<u>670.1</u>	<u>61691.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>468.2</u>
14. Hours Generator On-Line	<u>657.9</u>	<u>657.9</u>	<u>60439.2</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1200706.5</u>	<u>1240706.5</u>	<u>101276701.5</u>
17. Gross Electrical Energy Generated (MWH)	<u>428590.0</u>	<u>428590.0</u>	<u>34568595.0</u>
18. Net Electrical Energy Generated (MWH)	<u>412760.0</u>	<u>412760.0</u>	<u>33330550.0</u>
19. Unit Service Factor	<u>88.4</u>	<u>88.4</u>	<u>75.7</u>
20. Unit Availability Factor	<u>88.4</u>	<u>88.4</u>	<u>75.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.5</u>	<u>89.5</u>	<u>69.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>85.4</u>	<u>85.4</u>	<u>64.2</u>
23. Unit Forced Outage Rate	<u>11.6</u>	<u>11.6</u>	<u>5.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>No outage is scheduled over the next six months.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1979DOCKET NO. 50-219UNIT NAME Oyster Creek #1DATE February 14, 1979COMPLETED BY C. M. McClainTELEPHONE 201-4558748

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
79-01	011579	F	86.1	G	3	NA	NA	NA	While valving in the clean-up system, a water hammer occurred setting off sensors.

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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 (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

OPERATIONS SUMMARY - JANUARY 1979

The unit remained in operation at near full power at the start of this report period. On January 5, load was reduced to 600 MWe to cycle the "E" electromatic relief valve. This operation was successful in eliminating leakage into the torus. On January 12, load was reduced to 600 MWe to isolate, sequentially, each high pressure feedwater heater to locate a suspected tube leak. This operation was inconclusive.

On January 15, while attempting to return the cleanup system to service, a reactor scram occurred as a result of cleanup system pipe vibration transmitted to instrument rack RK02. The vibration tripped two (2) reactor high pressure sensors, causing a scram. The unit remained shutdown until January 18 to repair leaking tubes in 1C3 high pressure feedwater heater. Additional maintenance work was performed during the shutdown.

At the end of the report period, the unit remained in operation at 100% power.

One (1) reportable occurrence occurred during the report period: RO #79-1 occurred on January 18 when isolation condenser valve V-14-35 failed to open during a routine surveillance test.

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

Item	Equipment	Malfunction	Corrective Action
1	Diesel Gen. #2	Hunting problem	Replaced RSV relay and tested
2	Fire Diesel Pump #1	Faulty battery	Replaced 12V battery
3	Rx Bldg 23' NW Airlock	Problems with interlock	Lubricated plunger
4	FSR-A Relay (Dies. Gen)	Faulty relay	Replaced relay
5	CRI20 Relays (Panel 11R)	Potential fire hazard (IE Bulletin)	Replaced plastic contact retainer in relays
6	CRI20 Relays (Panel 4F)	Potential Fire Hazard (IE Bulletin)	Replaced plastic contact retainer in relays
7	Recirc. MG Sets	Check and rebrush if necessary	Rebrushed 'D' & 'A' Generator
8	CRU 20 Relays (Panel 10F)	Potential fire hazard (IE Bulletin)	Replaced plastic contact retainer in relays
9	V-28-15, V-28-16	Leaking air	Rebuilt V-28-15 & V-28-16 solenoids
10	V-14-35	Failed to open during surveillance	Cleaned contacts on opening torque switch
11	DG-I and DG-II	Check battery box heater thermostats	Replaced all eight thermostats
12	24 Volt Sys Off Normal Alarm	Intermittent alarm	Checked 24 volt sys & cleared alarm
13	Fire Diesel #2	Delayed starting due to a faulty solenoid	Repaired, replaced and tested new

CORRECTIVE INSTRUMENTATION MAINTENANCE ON QASL ITEMS
FOR THE MONTH OF JANUARY 1979

Item	Equipment	Malfunction	Corrective Action
1	Reactor Vessel Temp Recorder	Broken string	Replaced string
2	Stack Gas Sample Sys Low Flow Switch (alarm)	Switch will not reset	Replaced with two new vacuum switches
3	B Stack Gas Monitor	Erratic Operation	Replaced two capacitors on amplifier board and corrected interference on recorder
4	Waste Sample Tank Level Indication (high purity)	Level discrepancy between new & old radwaste control room	Loose slidewire in recorder was repaired and then calibrated for both A & B
5	Shutdown and fuel pool temp recorder	Recorder not printing	Repaired open input wire to recorder
6	Solids Packagings-Hold up tanks (new radwaste)	Faulty level indication	Installed new transducers for inventron with a flush option
7	APRM 1	Failed during LPRM amplifier calibration	Replaced defective flux amplifier
8	CRD 46-23 Scram Pilot Solenoid Valve	Leaky valves	Replaced both scram pilot valves
9	CRD Cooling Water Pressure Transmitter	Inoperative	Replaced cam and coil
10	Environs Monitor Recorder	Not working properly	Selected spare cables and returned to service
11	APRM Channel 1	High scram function inoperable	Replaced defective dual trip unit
12	Offgas Monitor	Recorder and gauge differ	Performed calibration on monitor and recorder
13	CR-120 Relays (Panel 11F)	Requested replacement	Replaced plastic contact retainer in relays

CORRECTIVE MECHANICAL MAINTENANCE OF QASL ITEMS
FOR THE MONTH OF JANUARY 1979

Item #	Equip ent	Malfunction	Corrective Action
1	1-2 Fire Diesel	Loosing coolant when running	Replaced radiator caps on 1-1 and 1-2 fire diesels
3	FDSTA connection to WSTB	New radwaste return to sample tank; valve frozen and broken	Installed new 1 1/2" valve
4	Condensate demin.	Outboard seal leaking and drain line is plugged	Cleaned drains and adjusted packing
5	"B" Liquid Poison Pump	Stuffing box flooded	Repacked pump
6	Cleanup System	Root valve for P1-1J01 has a packing leak	Replaced bonnet
7	"B" Fuel Pool Pump	Outboard seal leaking	Replaced shaft, mechanical seals and bearings
8	"B" Stack Sample Pump	Unable to maintain oil level	Replaced gasket on oil sight glass
9	1-1 air compressor	Suction valves and unloaders malfunctioning	Cleaned and lapped HP & LP unloaders and suction valves

REFUELING INFORMATION - JANUARY 1979

Name of facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: September 15, 1979

Scheduled date for restart following refueling: November 10, 1979

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. July 19, 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 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:

1,800

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

The Fall 1986 Outage.