

# AVERAGE DAILY POWER LEVEL

DOCKET #..... 50-219  
 UNIT..... O. C. #1  
 REPORT DATE... November 14, 1979  
 COMPILED BY... C.M. MCCLAIN  
 TELEPHONE..... 201-455-8748

MONTH October 1979

DAY	MW	DAY	MW
1.	637.	17.	644.
2.	627.	18.	642.
3.	623.	19.	637.
4.	634.	20.	595.
5.	632.	21.	605.
6.	636.	22.	610.
7.	637.	23.	622.
8.	642.	24.	635.
9.	639.	25.	639.
10.	643.	26.	643.
11.	634.	27.	641.
12.	624.	28.	669.
13.	641.	29.	643.
14.	640.	30.	642.
15.	643.	31.	639.
16.	643.		

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7911200

387

## OPERATING STATUS

UNIT NAME...OYSTER CREEK

DOCKET NUMBER...50-219

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

REPORTING PERIOD... October 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 RESTRICTION

REASON FOR RESTRICTION, IF ANY...  
NO RESTRICTION

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	745.0	7296.0	86400.0
HOURS RX CRITICAL	745.0	6191.0	67212.1
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	745.0	6117.1	65893.4
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	1414346.8	11381235.5	111417230.5
GROSS ELEC ENERGY	489510.0	3895380.0	38035385.0
NET ELEC ENERGY	472328.0	3748614.0	36666404.0
UT SERVICE FACTOR	100.0	83.8	76.3
UT AVAILABILITY FACTOR	100.0	83.8	76.3
UT CAPACITY FACTOR MDC	102.3	82.9	70.2
UT CAPACITY FACTOR DER	97.5	79.0	65.3
FORCED OUTAGE FACTOR	0.0	16.2	6.5

THE NEXT SCHEDULED OUTAGE IS TO BEGIN ON JANUARY 5, 1980

DOCKET NO. 50-219  
UNIT NAME Oyster Creek #1  
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COMPLETED BY C. M. McClain  
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	No.
	Date
	Type <sup>1</sup>
	Duration (Hours)
	Reason <sup>2</sup>
	Method of Shutting Down Reactor <sup>3</sup>
	Licensee Event Report #
	System Code <sup>4</sup>
	Component Code <sup>5</sup>
	Cause & Corrective Action to Prevent Recurrence

### Exhibit G - Instructions for Preparation of Data

### Entry Sheets for Licensee

Event Report (LER) File (NUREG-

(1910)

1  
2  
3  
4  
5  
6

### Exhibit I - Same Source

## II-Other (Explain)

101 1951

Operations Summary - October 1979

At the beginning of the reporting period the unit was operating at near rated output. Full power operation continued through the reporting period with two minor load reductions for core flux shaping.

Four events were reported during the month:

Reportable Occurrence 79-35 occurred on September 26, 1979 when Main Steam Line Radiation Monitor No. 3 was found reading low during a non-routine surveillance test.

Reportable Occurrence 79-34 occurred on October 8, 1979 when an operator on tour discovered both personnel access airlock doors open at the northeast corner access to the Reactor Building.

Non-Routine Environmental Operating Report 79-7 occurred on October 9, 1979 when only one dilution pump was operating for a period of 92 minutes when two operating pumps were required.

Reportable Occurrence 79-36 occurred on October 11, 1979 when an operator on tour discovered the northeast containment spray pump compartment watertight door open and unattended.

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

Item #	Equipment	Malfunction	Corrective Action
1	ESW Disch. Valve V-3-87 (assoc. w/syst. II Cont. Spray)	Trips breaker when valve changes direction	(1) Repaired "local/remote" keylock switch (2) Engineering support group is investigating need for change (Eng. Task No. 79-39)
2	Rx Prot. Syst. II	Relay 2K6 coil failure	Replaced relay 2K6
3	V-20-15 & V-20-14	Exceeded opening time criteria of 20 sec by 0.5 sec & 0.2 sec respectively	(1) Opening current checks results: nominal (2) Reference: (a) PORC Action Item 6979-1 (b) Table 11.13A of FDSAR
4	Rx Prot. Syst. I	Scram group would not re-energize after 1/2 scram surv. testing. Associated group contact of relay 1K52 was binding	(1) Repaired relay (2) Eng. Support Group Investigating (reference Eng. Task No. 79-36 and GE SIL No. 308)
5	Cleanup System - Filter "B" Inlet Vlv.	Will not close	Disassembled & cleaned dirty solenoid valve
6	Fuel Bridge - Aux.Hoist	Loose connection in pendant	Rewired to utilize spare wire in pendant

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

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	CRD 18-39	V-111 Leak	Replaced with rebuilt valve
2	"A" CRD Pump	Outboard bearing running hot	Replaced bearing and mechanical seal
3	Fire Suppression System in Condenser Bay	Sprinkler head initiated (Two occurrences)	Replaced sprinkler head
4	"D" Core Spray Pump	Lube oil glass leaking	Tightened oil glass to stop leak
5	CRD 26-35	V-111 leak	Replaced with rebuilt valve
6	Refueling Platform	Grapple hanging up	Removed grapple, straightened, and reassembled
7	CRD 06-11	V-111 leak	Replaced with rebuilt valve
8	CRD 02-23	V-111 leak	Replaced with rebuilt valve
9	CRD 10-07	Fitting leaks on accumulator	Repaired fittings
10	RBOCW Hx (east)	Tube leak	Plugged one tube, cleaned, heat exchanger replaced lead gaskets
11	CRD 22-39	V-111 leak	Replaced with rebuilt valve
12	CRD 10-07	V-111 leak	Replaced with rebuilt valve

126A-10A

13	CRD 22-51	V-111 leak	Replaced with rebuilt valve
14	#2 Fire Diesel	Water hose ruptured on oil cooler	Replaced hose
15	CRD 02-31	V-111 leak	Replaced with rebuilt valve
16	CRD 10-15	V-107 needs handwheel	Replaced stem & handwheel
17	CRD's 22-07 & 22-15	V-111 leak	Replaced with rebuilt valve
18	CRD 18-07	V-111 leak	Replaced with rebuilt valve
19	CRD 34-51	V-111 leak	Replaced with rebuilt valve
20	CRD 14-31	V-111 leak	Replaced with rebuilt valve
21	Containment Spray Hx 1-2 NE	14" ESW line piping leak on discharge line	Patch installed to stop leak

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

Item #	Equipment	Malfunction	Corrective Action
1	MSL Rad. Mon. #3	Reads lower than other three monitors	Zero (electrical) required readjustment
2	LPRM 44-25B Amplifier	Failed upscale	Replaced amplifier
3	IRM Ch 12 & 14	Front panel test discreps (recorder readings)	Recalibrated
4	RPS - Event Recorder	Pen #22 (ADS) does not print	Tightened loose electrical pen connection
5	DW/Torus Digital Diff. Press. Ind.	First digit on readout is not illuminated	Replaced lamp assoc. with digit
6	IRM Ch 11	Selector switch linkage slips	Replaced linkage bushing
7	DW Sump & DWEDT leak rate monitors	Integrators read higher than corresponding pump runing time	Both square root converters required recalibration
8	RPS - Event recorder	Pens 1 thru 20 printing lightly	Tightened loose transformer bank connections
9	SRM #22	Front panel discrep.	Recalibrated
10	DW Sump Leak Rate Mon.	Square root converter failed	Replaced Sq. Rt. Conv.
11	MSL Rad. Mon. #2	Reads 15 units lower than other MSL Rad. Mon's.	Recalibrated
12	Area Rad. Monitor - Radwaste Storage & Shipping Area	Indication erratic due to bad connector at sensor	Resoldered loose wire

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Item #	Equipment	Malfunction	Corrective Action
13	Area Rad. Monitor - Cond. Regen. Room	Reads high	Recalibration was required
14	TIP System #4	Lost ready lite & detector will not drive in either direction with detector positioned between pig & ball/shear vlv assembly	(1) Manually retracted TIP detector to in-shield position & cycled ball valve to exercise "fully open" limit switch (2) Ball vlv, actuator & limit switches to be cleaned & rebuilt as part of routine outage maint.
15	CRD - HCU #30-19	Level float switch failed to actuate during routine test	Replace level switch
16	Recirc Pump Trip Logic	Experienced RPT Div. I CH-A Annunc (which required RPT chan. reset to clear) During turb. valve testing (Rx pressure recording trace did not substantiate cause for alarm)	Investigation could not determine cause Surveillance performed, proper operation verified
17	Drywell Pressure Recorder	Indication/recording is erroneous (pen assembly slips on drive rod)	Tightened pen assembly & recalibrated recorder

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REFUELING INFORMATION - OCTOBER 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. December 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:

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.