

# AVERAGE DAILY POWER LEVEL

DOCKET #..... 50-219  
 UNIT..... O. C. #1  
 REPORT DATE... October 15, 1979  
 COMPILED BY... C.M. MCCLAIN  
 TELEPHONE..... 201-455-8748

MONTH September 1979

DAY	MW	DAY	MW
1.	607.	17.	356.
2.	604.	18.	9.
3.	612.	19.	354.
4.	614.	20.	574.
5.	615.	21.	613.
6.	614.	22.	626.
7.	621.	23.	636.
8.	620.	24.	618.
9.	626.	25.	616.
10.	628.	26.	631.
11.	547.	27.	638.
12.	518.	28.	638.
13.	619.	29.	634.
14.	545.	30.	633.
15.	594.		
16.	628.		

1150 126

79102202861

# OPERATING DATA REPORT

## OPERATING STATUS

UNIT NAME...OYSTER CREEK

DOCKET NUMBER...50-219

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

REPORTING PERIOD... September 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	720.0	6551.0	85655.0
HOURS RX CRITICAL	697.0	5446.0	66467.1
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	688.4	5372.1	65153.4
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	1265658.4	9966888.7	110002883.7
GROSS ELEC ENERGY	428090.0	3405870.0	37545875.0
NET ELEC ENERGY	412415.0	3276286.0	36194076.0
UT SERVICE FACTOR	95.6	82.1	76.1
UT AVAILABILITY FACTOR	95.6	82.0	76.1
UT CAPACITY FACTOR MDC	92.4	80.7	69.9
UT CAPACITY FACTOR DER	88.1	76.9	65.0
FORCED OUTAGE FACTOR	4.4	18.0	6.6

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

1150 127

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1979

DOCKET NO. 50-219  
 UNIT NAME Oyster Creek #1  
 DATE October 15, 1979  
 COMPLETED BY C. M. McClain  
 TELEPHONE 201-455-8748

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
7	091779	F	31.6	H	3	NA	IA	NA	The scram occurred when a worker struck a cable tray attached to reactor protection instrument rack RK01 causing a spurious high pressure trip.

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup> Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup> Exhibit I - Same Source

1150 128

(9/77)

Operations Summary - September 1979

At the beginning of the reporting period the unit was operating at near rated output. The plant output was limited at times during the first three days of the month by the Environmental Technical Specification limiting condenser discharge temperature. On September 11, 1979 plant output was reduced to 175 MWe to reduce radiation levels in the steam tunnel while repairing two leaking feedwater check valve hinge pins. On September 14, 1979 plant output was reduced to reduce radiation levels in the drain tank pit while replacing number two auxilliary flash tank pump motor. At 1:37 PM on September 17, 1979 a Reactor Scram occurred when a worker struck a cable tray attached to reactor protection system instrument rack RK01 causing a spurious reactor high pressure trip. Reactor startup commenced on September 18, 1979 following replacement of reactor recirculation pump M-G set exciter brushes and repair of a leaking condensate transfer line.

Three events were reported during the month.

Non-routine Environmental Operating Report #79-5 occurred on September 5, 1979 when the plant was operated for 26 minutes with greater than 87°F discharge bridge temperature and only one dilution pump operating.

Reportable Occurrence #79-32 occurred on September 14, 1979 when Containment Spray System II was removed from service to repair leaking heat exchanger relief valve piping.

Reportable Occurrence #79-33 occurred on September 17, 1979 when the pressure switch for "A" Electromatic Relief valve was found to be inoperable during a routine surveillance test.

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

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	CRD 02-31	V-111 Valve Leaks	Replaced with rebuilt spare
2	1-1 Fire Diesel	Coolant dripping from lower heater hose	Replaced hose
3	Feedwater System Check Valves V-2-72, V-2-71	Hinge pin plug leaking - south pin on V-2-71 and north pin on V-2-72	Used furmanite process to stop both leaks
4	"B" CRD Filter	Dirty	Installed clean filter
5	CRD 06-43	Scram inlet valve leaking	Rebuilt valve
6	CRD 46-39	Scram inlet valve leaking	Replaced with rebuilt spare
7	CRD 02-19	V-111 valve leaks	Replaced with rebuilt spare
8	Containment Spray System II Heat exchangers	Instrument piping taps leaking	Replaced nipples with stainless steel
9	Containment Spray System I Heat Exchangers	Instrument piping taps leaking	Replaced nipples with stainless steel
10	Containment Spray System II Heat exchangers	Relief valve nipples leaking	Replaced nipples with stainless steel

1150 130

CORRECTIVE ELECTRICAL MAINTENANCE ON QASL ITEMS FOR THE MONTH OF SEPT. 1979

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	Rx Bldg. Vent Syst. - Torus Vent Valve V-28-18	No position indication (panel 11F)	Readjusted switch actuator
2	Annunc. Syst. "Scram Contactor Open" Alarm	Receiving erroneous alarm	Replaced aux contacts on 1K21A
3	Rotary Inverter	Brushes worn (noted during routine inspection)	Changed brushes
4	Rx Prot. Syst. MG Set 1-2	During surv. testing UV coil in gen output breaker opened	Installed new breaker
5	Cleanup Syst. "B" filter outlet vlv. ND-28B	Will not open	Replaced solenoid on ND28B

CORRECTIVE INSTRUMENT MAINTENANCE ON QASL ITEMS FOR THE MONTH OF SEPT. 1979

<u>Item #</u>	<u>Equipment</u>	<u>Malfunction</u>	<u>Corrective Action</u>
1	New RW Vent Effluent Radiation Monitor	Particulate filter paper feed is not driving	Replaced takeup spool & realigned capstan assembly
2	Torus - O <sub>2</sub> Analyzer	Erratic indication	Replaced capacitor in heater ckt.
3	ARM/RB Vent Isol.	Surv. discrepancies (B9 & C9)	Readjusted downscale trippoint
4	SRM #23	Failed downscale	Corrected fuse placement
5	AEOG Rad. Mon. #1	Surv. discrepancy	Adjusted hi alarm setpoint
6	Unidentified Leak Rate Monitor	Integrator reading is higher than that calculated from pump(s) running time	Output (zero) of respective sq. rt. converter drifted causing integrator to drive while pump(s) were off. Readjusted sq. rt. conr.
7	1-1 Fire Diesel	Water temp. gage stuck @ 110°F	Replaced gage
8	ERV "A" Pressure Switch	During surv. - found trippoint erratic	Replaced ERV "A" pressure switch assembly
9	ARM - Admin. Bldg. Ent. to Turb. Bldg.	Inoperative	Replaced sensor & convertor unit
10	ERV "A" Pressure Switch	ERV "A" opened twice @ normal operating pressure	Newly installed pressure switch setpoint drifted into operating pressure band. Recalibrated switch.
11	Core Spray Suct. Press. Gage	Gage, not supported by mounting plate	Installed original style pressure gage(s) & mounted to backplate



REFUELING INFORMATION - SEPTEMBER 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 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.