

MONTHLY OPERATIONS SUMMARY

MARCH 1982

As of March 31, 1982, the plant had operated at an availability of 59.1% and a capacity factor of 49.2% for the fuel cycle.

The report period began and ended with the Oyster Creek Nuclear Generating Station shut down to complete maintenance and testing required for start up.

On March 10, Fuel Pool Cooling Water overflowed into the Reactor Building Ventilation System as the result of a valving error. The Fuel Pool high level alarm failed to function. Subsequently, the Fuel Pool level was returned to normal, the level alarm was repaired, and the areas contaminated by the spill were cleaned and released.

On March 16, the station successfully conducted its annual Emergency Exercise. Region I based USNRC Inspectors critiqued the drill as satisfactory.

Also, during this reporting period Main Steam Isolation Valves NSO3A and NSO4A successfully passed leak rate testing.

The period concluded with Primary Containment Leak testing operations in progress.

The following events were identified as potential Reportable Occurrences during March:

March 15	The set point for the steam jet air ejector Off-gas holdup line isolation valve time delay was found outside the Technical Specification limit.
March 20	FSRA Relay in the fast start logic for #2 Diesel Generator failed surveillance testing.
March 22	The setpoint for REL6B (600 psig bypass switch) was found in excess of the limit allowed by Technical Specifications.
March 25	Containment Spray System I normal power sensing logic relay NK1 was found to be burned out during a surveillance test. In addition, Service Water Pump trip relay SK8A time delay was found not in accordance with the Technical Specification limit.
March 31	Main steam line drain valves V-1-106 and V-1-111 failed required leak rate test.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH 1982

DOCKET NO. 50-219
 UNIT NAME Oyster Creek
 DATE April 2, 1982
 COMPLETED BY Gary Young
 TELEPHONE (609) 693-6013

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
22	12-9-81	F	744	B	1	N/A	zz	zzzzz	Complete maintenance and testing required for unit startup.

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

AVERAGE DAILY POWER LEVEL

DOCKET #..... 50-219
UNIT..... O. C. #1
REPORT DATE... April 14, 1982
COMPILED BY... J.B. SKLAR
TELEPHONE..... 609-693-6013

MONTH March 1982

DAY	MW	DAY	MW
1.	0.	17.	0.
2.	0.	18.	0.
3.	0.	19.	0.
4.	0.	20.	0.
5.	0.	21.	0.
6.	0.	22.	0.
7.	0.	23.	0.
8.	0.	24.	0.
9.	0.	25.	0.
10.	0.	26.	0.
11.	0.	27.	0.
12.	0.	28.	0.
13.	0.	29.	0.
14.	0.	30.	0.
15.	0.	31.	0.
16.	0.		

OPERATING DATA REPORT

OPERATING STATUS

UNIT NAME...OYSTER CREEK

DOCKET NUMBER...50-219

UTILITY DATA PREPARED BY...J.B. SKLAR 609-693-6013

REPORTING PERIOD... March 1982

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	744.0	2160.0	107568.0
HOURS RX CRITICAL	0.0	0.0	77976.4
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	0.0	0.0	76210.1
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	0.0	0.0	128591030.5
GROSS ELEC ENERGY	0.0	0.0	43685975.0
NET ELEC ENERGY	0.0	0.0	42067438.0
UT SERVICE FACTOR	0.0	0.0	70.8
UT AVAILABILITY FACTOR	0.0	0.0	70.8
UT CAPACITY FACTOR MDC	0.0	0.0	64.4
UT CAPACITY FACTOR DER	0.0	0.0	60.2
FORCED OUTAGE FACTOR	100.0	100.0	11.3

THE STATION IS SCHEDULED TO STARTUP ON APRIL 15, 1982

March SUMMARY OF QASL Mechanical MAINTENANCE

<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
Auxiliary Clean-Up Pump	Vibration problem	Realigned motor to pump, checked satisfactorily
Emergency Diesel Generator #2	Radiator tube leaks	Installed new radiator (2 sections)
1-2 Service Water Pump	Oil line leak	Cleaned oil line and repaired leak
Emergency Diesel Generator #2	Radiator shroud deteriorated condition	Fabricated new shroud and installed
A.O.G. Bldg. "A" Recombiner	Motor bound up	Disassembled, repaired and reassembled recombimer with factory rep assistance
V-22-28 and V-22-29	Failed Leak Rate Test	Adjusted linkage Performed Leak Rate Test - satisfactory
V-7-35 Off Gas Drain Valve - 30 inch header	Inspect for blockage	Disassembled, inspected and reassembled valve - found no problem
North Inside Railroad Air Lock Door	Door binding	Tightened up all hinges and straightened bottom of door and eliminated binding
A.O.G. Bldg. Supply Fan	Roll-up filter not moving	Spool slipped out of holder. Adjusted spool to fit in holder and operates properly
Feedwater Check Valve V-2-72	Failed Leak Rate Test	Disassembled valve, inspected internals and lapped seating surface. Assembled, performed leak test - satisfactory

March SUMMARY OF QASL I & C MAINTENANCE

<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
Control Rod Drive Scram Solenoids	Solenoids are excessively noisy	Replaced coil on SO-117. Replaced pilot head assembly on SO-117 and 118. Tested solenoids 3 times for satisfactory oper.
Emergency Service Water Pump "C" Lower bearing oil level switch	Trouble alarm activated defective switch (Mercury bulb broken)	Replaced switch as per Procedure 708.3.003 and tested for satisfactory operation
Reactor Remote Indicator "A" Sensor	Remote indicator not responding to Reactor level change	Replaced remote indicator with operational spare and tested satisfactory as per Procedure 619.3.013
1-1 Fire Diesel	Diesel will not shutdown in auto mode	Repaired bent linkage in pressure recorder and reset low pressure set point to 75 PSIG. Satisfactorily performed pump operability test.
Source Range Monitor Channel 23	Monitor failed down scale	Replaced monitor with operational spare. Front panel tested satisfactory
Condensate Transfer System	Defective pressure gauges on 1-1 and 1-2 transfer pumps	Installed new calibrated gauges on condensate transfer pumps
Containment Particulate	Defective sample pump	Installed new vacuum pump and tested satisfactorily
Reactor Protection System	Blown fuse 2F15	Replaced defective fuse
Intermediate Range Monitor Channel 17	Occasionally spikes upscale causing half scram	Replaced IRM Channel 17 detector
Fire Protection - Deluge System I	#1 Pressure Gauge requires calibration and Isolation Valve V-9-139 leaking	Calibrated #1 Pressure Gauge Replaced V-9-139 Isolation Valve

March SUMMARY OF QASL Electrical MAINTENANCE

<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
Diesel Generator Fuel Tank Room Vital Door Latch	Vital door will not latch	Rebuilt and lubricated latch Returned to service
DC System - Auto transfer switch DC-"D" Panel	Bad lightbulb socket on DC-D Panel	Replaced lightbulb socket Lamp lit normally
Control Rod Drive Hydraulic accumulators terminal boxes TB 14-23; TB 22-27; TB 34-47	Electrical seal-tite needs to be repaired	Repaired seal-tite without removing any wires
Reactor Protection System II Scram Group Solenoid Lights	Open fuse	Replaced fuse Checked that light was lit
Reactor Building to Torus Blocking Valve	Replace and adjust limit switches	Replaced and adjusted limit switches for proper indication
A.O.G. System System I - Valve SA-AOV-005A	Valve SA-AOV-005A electrical solenoid coil failed	Replaced electrical solenoid coil. Cycled several times. Returned to service
DC System - Panel - DC-E throwover panel alternate power available lights	Bulb socket was defective	Replaced bulb socket and placed back in service.
Emergency Service Water Pump 52A	Motor Feed Breaker tripped	General Electric reconditioned damaged motor windings. Rechecked at plant and placed back in service.
Standby Gas Treatment System I EF 1-8	Overload tripped	Engineering is changing both systems to larger horsepower motors. Special Procedure 82-036
Containment Spray System	Bulb socket loose on valve	Retightened locking nut

REFUELING INFORMATION -

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: July 1, 1982

Scheduled date for restart following refueling: mid-1983

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

A Tech Spec Change Request to incorporate G.E. fuel assemblies will be submitted by May 1, 1982.

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

March 9, 1981 - Complete NEDO document #24195 (G.E. Reload Fuel Application for Oyster Creek) was submitted.

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. 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 - 781

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.*

*NOTE: This is for a normal refueling. Full core off-load, however can only be accommodated through about 1983 or 1984 with 1800 licensed locations.