MONTHLY OPERATIONS SUMMARY

September 1982

At the beginning of the report period, the Oyster Creek Nuclear Generating Station was operating at 413 MWe with power limited by core reactivity.

The second stage steam reheaters were removed from service due to steam leaks in the drain system and resultant increase in airborne activity. This action eliminated the airborne activity problem.

Emergency Service Water Pump 52A was temporarily declared inoperable when it failed to produce acceptable differential pressure during testing. The pump was declared operable after cleaning, adjustment of its impeller, and retesting.

The voltage regulator on No. 2 Reactor Protection System Motor Generator Set shorted out during preventive maintenance. The system will be powered by the standby transformer until a new voltage regulator can be procured.

The Instrument Department is investigating a flow oscillation problem caused by "C" Reactor Recirculation Pump.

At the end of the report period, the Plant was operating at 376 MWe.

The following events were identified as potential Reportable Occurrences:

On September 2, 1982, during the performance of the Reactor Vessel Leak Test, two of the Five Electromatic Relief Valves were in the "OFF" position with Reactor pressure greater than 110 psig and Reactor temperature greater than 212^{O} F.

On September 9, 1982, the "A" Emergency Service Water Pump was made inoperable after it failed the pump differential pressure acceptance criteria during testing. The pump was returned to service on September 13, 1982 following maintenance.

AVERAGE DAILY POWER LEVEL

NET MWe

Docket #. 50-219

Unit . . . . . O. C. #1

Report Date . . . . . October 12, 1982

Compiled by . . . . . Robert Frick

Telephone 609-971-4637

MONTH September 1982

DAY	MW	DAY	MW
1	387	16	370
2	387	17	369
3	388	18	368
4	391	19	368
5	388	20	365
6	388	21	367
7	388	22	367
8	388	23	364
9	388	24	363
10	385	25	360
11	380	26	359
12	377	27	356
13	376	28	355
14	373	29	353
15	372	30	352

OPERATING DATA REPORT

OPERATING STATUS

Unit Name. . . Oyster Creek

Docket Number . . . 50-219

Utility Data Prepared By . . . Hari Sharma 609-971-4638

Reporting Period . . September 1982

Licensed Thermal Power (MWT) . . . 1930

Nameplate Rating (Gross MWE) . . . 687.5 x 0.8

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) . . . 380

Reason for Restriction, If any . . .
Fuel Depletion

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	720.00	6551.0	111959.
HOURS RX CRITICAL	720.00	3619.91	83347.02
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE (SERVICE)	720.0	3516.1	80536.6
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	887800.	4752000.	134309300.
GROSS ELEC. ENERGY	282750.	1509140.	45425360.
NET ELEC. ENERGY	268660.	1424300.	43665140.
UT SERVICE FACTOR	100.0	53.7	72.0
UT AVAILABILITY FACTOR	100.0	53.7	72.0
UT CAPACITY FACTOR MDC	60.0	35.0	62.9
UT CAPACITY FACTOR DER	57.4	33.4	60.2
FORCED OUTAGE FACTOR	0.0	52.0	11.7

The next scheduled outage is to begin on January 15, 1983.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1982

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE 10/4/82
COMPLETED BY R. Baran
TELEPHONE 971-4640

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
ZZ	ZZZZ	Z	ZZ	Z	Z	NA	ZZ	ZZZZZZ	No significant power reduction or shutdown during report period.

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 (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

Sept. SUMMARY OF QASL Electrical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Augmented Off Gas Building	"A" Recombiner Blower tripping off line	Meggered motor. Found all windings grounded. Job Order initiated to disassemble Spencer Turbine.
Main Steam Isolation Valve NSO4B	Open light limit switch did not reset after 5% closure test	Adjusted open limit switch so switch would reset. Did 5% closure test twice. Switch tested satisfactorily.
1-2 Reactor Protection MG Set	Inboard flywheel bearing running above normal operating temperature	Replaced old grease. Temperature decreased from 49° to 17.5° C. Bearing temperature is now running satisfactorily.
Shut Down Cooling System	Vibration indication on V-17-56	Cycled valve twice. No significant noises or vibration. All current readings were satisfactory.
Reactor Manual Control System	Rod Worth Minimizer by-pass switch failed to by-pass	Replaced by-pass switch. System tested satisfactorily.
Core Spray System	Broken conduit connection in conduit to V-20-92.	Repaired conduit connection. Valve tested satisfactorily.

Sept. SUMMARY OF QASL Mechanical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Shutdown Cooling Valves V-17-55, 56 and 57	Packing leaks	Adjusted packing
CRD Scram Air Filters	Filters dirty	Filters removed and cleaned
"B" Poison Pump	Packing leak	Adjusted packing
CRD Accumulator, 42-35 Valve V-107	Packing leak	Adjusted packing
Isolation Condenser Valve V-14-32	Packing leak	Added one ring of packing & adjusted. Replaced packing gland eyebolt. Stroke tested satisfactorily.
CRD NC-30A	Packing leak	Adjusted packing
Isolation Condenser Valve V-14-31	Packing leak	Added two rings on packing and adjusted. Stroke tested satisfactorily.
"B" Reactor Clean-up Pump	Water in the oil	Changed oil cooler and oil. Oil samples taken periodically. Tested satisfactorily.
CRD Accumulators	N^2 connections are leaking on 38-31, 38-39, 46-35, 34-19 and 42-39	Replaced caps on N^2 connections. Leak tested satisfactorily.
"A" ESW Pump	Low discharge pressure	Inspected & cleaned suction. Reset impeller adjustment. Pump tested satisfactorily.

Sept. SUMMARY OF QASL Instrument MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Average Power Range Monitor Channel #2	Intermittent half scrams while adjusting power level	Replaced defective potentiometer R-10. Observed operation after repairs - results satisfactory.
Intermediate Range Monitor Channel #16	Downscale alarm on continuously, no downscale trip	Replaced downscale relay. Alarm cleared. Tested satisfactorily.
Local Power Range Monitor 28-49A	Defective amplifier	Replaced amplifier with operational spare. Satisfactorily performed front panel test.
Area Radiation Monitor RO14A-4	Failed downscale	Repaired loose wire in connector. Tested and calibrated satisfactorily.
Scram Air Header Pressure Gauge	Abnormal indication	Replaced pressure gauge with calibrated spare.
Scram Dump Volume Monitoring System	Failed sensor (UD-11)	Replaced transducer and transistor in wall thickness P.C. board. Calibrated and tested satisfactorily.

Oyster Creek Station
Docket No. 50-219

REFUELING INFORMATION -

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: January 15, 1983

Scheduled date for restart following refueling: late - 1983

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

Technical Specification Change Request No. 96 was submitted on August 31, 1982 for incorporation of GE fuel assemblies into the Cycle 10 core.

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.