MONTHLY OPERATIONS SUMMARY

August 1982

At the beginning of the report period, the Oyster Creek Nuclear Generating Station was operating at 436 MWe with power limited by core reactivity.

On August 10, the "B" Stack Gas Sample Pump tripped on thermal overload. The pump was restarted within two (2) minutes.

A Reactor shutdown was commenced on August 13 due to the failure of Emergency Service Water (ESW) Pumps B, C, and D to meet the differential pressure test acceptance criteria. The shutdown was terminated after the ESW pumps met the acceptance criteria during a retest. However, as ESW pump differential pressures had not returned to values considered normal and reduced ESW flow rates were measured through the Containment Spray Heat Exchangers, a Reactor shutdown was commenced after further evaluation in order to investigate the cause. The shutdown began at 2335 hours on August 14, 1982. The generator was off line at 0340 hours on August 15, 1982.

Examination of the Containment Spray Heat Exchangers revealed biofouling of the tube sheets and minor waterbox baffle deformation. The heat exchangers were cleaned and baffle plate braces were installed.

Also, during the shutdown, maintenance was performed on two (2) Electromatic Relief Valves. The Reactor Building Closed Cooling Water Heat Exchangers were cleaned, and a hydrostatic test of the Reactor vessel was satisfactorily performed.

A Reactor startup was commenced on August 29, 1982, after the necessary repairs were completed. The generator was on the line at 2052 hours the same day. The Rod Worth Minimizer failed early during this startup. According to Technical Specification requirements, another startup this calendar year without this feature is prohibited.

At the end of the report period, the Plant was operating at 435 MWe with load being limited by core reactivity.

The following events were identified as potential Reportable Occurrences:

On August 10, 1982, "B" Stack Gas Sample Pump tripped on overload.

On August 15, 1982, the administrative controls for keeping main steam line drain valves V-1-106, V-1-110, and V-1-111 secured in a closed position were defeated prior to reaching a cold shutdown condition.

On August 23, 1982, an inspection of Off Gas Isolation Valve V-7-31 revealed the valve was only closed to 1/8 inch from its full closed position.

On August 25, 1982, seven (7) hydraulic snubbers failed functional testing.

On August 26, 1982, reactor water level instrumentation for one channel in each Reactor Protection System and one channel in each of several safety systems were rendered inoperable as a result of a loss of reference column head.

On August 29, 1982, a Reactor startup was commenced with the Rod Worth Minimizer out of service.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1982

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE 9-7-82
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
26	8-15-82	F	353	H	1	NA	zz	zzzzzz	Plant shutdown for inspection/ repairs on the Containment Spray System Heat Exchangers

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

(9/77)

AVERAGE DAILY POWER LEVEL

NET MWe

Docket #. 50-219
Unit . . . . . O. C. #1
Report Date . . . . . September 13, 1982
Compiled by . . . . . Hari Sharma
Telephone 609-971-4638

MONTH August 1982

DAY	MW	DAY	MW
1	428	17	0
2	425	18	0
3	424	19	0
4	421	20	0
5	415	21	0
6	412	22	0
7	415	23	0
8	424	24	0
9	414	25	0
10	410	26	0
11	413	27	0
12	414	28	0
13	410	29	17
14	412	30	344
15	49	31	440
16	0		

OPERATING DATA REPORT

OPERATING STATUS

Unit Name. . . Oyster Creek

Docket Number . . . 50-219

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

Reporting Period . . . August 1982

Licensed Thermal Power (MWT) . . . 1930

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

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) . . . 400

Reason for Restriction, If any . . .
Fuel Depletion

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	744.00	5831.0	111239.0
HOURS RX CRITICAL	412.7	2899.9	82627.1
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE (SERVICE)	390.4	2796.1	79816.6
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	522100.	3864200.	133421500.
GROSS ELEC. ENERGY	160520.	1226390.	45142620.
NET ELEC. ENERGY	150230.	1155640.	43396480.
UT SERVICE FACTOR	52.5	48.0	71.8
UT AVAILABILITY FACTOR	52.5	48.0	71.8
UT CAPACITY FACTOR MDC	32.6	32.0	62.9
UT CAPACITY FACTOR DER	31.1	30.5	60.0
FORCED OUTAGE FACTOR	47.5	52.0	11.7

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

August SUMMARY OF QASL Mechanical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Containment Spray Heat Exchangers 1-1, 1-2, 1-3, 1-4	High differential pressure	All Hx tubes hydrolazed. Baffle plates in 1-3 & 4 were found to be bowed. Support struts were installed for temporary fix to prevent further damage.
"B" CRD Pump	Oil leak on gear box	Tightened cover plate bolts.
"A" Emergency Service Water Pump	Low output pressure	Pump removed and suction cleaned. Tested satisfactorily.
Isolation Condenser Valve V-14-37	Packing leak	Old packing removed. New stem packing installed.
Electromatic Relief Valve "B"	Spool Piece Bolt Loose	All bolts retorqued.
Refueling Bridge Air Compressor	Not maintaining pressure	New air line hose installed. Compressor tested satisfactorily.
Off Gas Sample Pump	Leaking oil seal	New shaft and seal installed. Pump tested satisfactorily.
CRD Accumulator 34-11 Scram Inlet Valve	Leaking through	New seat ring and gaskets installed.
"A" Stack Gas Sample Pump	Insufficient vacuum	Installed new pump. Tested satisfactorily.
Main Steam Isolation Valve NSO4B	Loose packing gland nuts	Packing gland adjusted. Stroke tested satisfactorily.

August SUMMARY OF QASL Mechanical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
CRD Accumulator 34-11 Scram Inlet Valve	Packing leak	Adjusted packing
Isolation Condenser Valve V-14-33	Packing leak	Two rings of packing added and stroke tested satisfactorily.
C and D Electromatic Relief Valves	Leaking by	Installed new main discs and lapped seats in both valves. Installed new pilot valve internals in both valves. Tested satisfactorily.

August SUMMARY OF QASL Electrical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Off Gas Sample Pump	Power cord open insulation	Repaired bare wire in plug. Placed back in service.
V-1-106	V-1-106 stops in mid-travel	Tightened loose wire on torque switch #55. Tested satisfactorily.
Torus to drywell vacuum breaker	Defective agastat	Replaced agastat. Tested satisfactorily.
Emergency Service Water 52B amp Meter	Meter sticking	Adjusted indicating arm for clearance - checked calibration. Tested satisfactorily.
Fuel Pool Pump "1A"	Discharge press falling off	Took current readings - no maintenance performed.
Electromatic Relief Valves	Shorting bar high resistance	Checked and cleaned shorting bar. Replaced rollers. Operated satisfactorily within specifications.
1-7 Sump	Level switch out of adjustment	Adjusted switch. Ball was knocked lower into sump. Problem corrected.
Refueling Crane	Slack cable light does not work	Relamped indicating light. Worked satisfactorily.
Reactor Building Airlock Door	CRD Room outside door can be opened while inside door is open.	Replaced interlock switch on inside door. Doors working properly now.
Augmented Off Gas System	OG-I-040 vault cooler will not start	Repaired start switch and placed back in service.

August SUMMARY OF QASL Electrical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Augmented Off Gas System	030 moisture removal train chiller compressor not working	Reset high pressure switch. Chiller restarted and runs properly.
Augmented Off Gas System	Valves - AS-SOV-010B and AS-SOV-009B leaking through	Rebuilt both valves and placed back in service. Tested satisfactorily.
Augmented Off Gas System	"B" recombiner outlet valve OG-AOV-003B sticking	Cleaned solenoid. Valve tested satisfactorily after placing in service.
Containment Spray System II	Leaking terminal boxes	Installed gaskets in boxes, meggered, bridged and tested satisfactorily.
Core and Containment Spray System	Leaking terminal boxes	Sealed all fittings as they enter boxes.
1-7 Sump	Cover rubbing cable	Cable rerouted to prevent rubbing on cover.
Rx Building Crane	Conduit and wiring damaged	Relugged main field leads, replaced wire to shunt field, replaced shunt field and tested satisfactorily.
Containment Spray System I	Water sprayed motors	Motors were meggered and bridged. Installed new gasket around terminal box on motor. All readings were satisfactory. Returned to service.
Off-Gas Hold-Up Pipe	Inspection of valve V-7-31 switches	Adjusted wipe on switches. Put locking nut on actuating arm. Tested satisfactorily.

August SUMMARY OF QASL Instrument MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Augmented Off Gas System Moisture Removal Train "A" Discharge Valve (OG-AOV-005A)	Solenoid Operated Valve Inoperative	Cleaned plunger and replaced solenoid coil, cycled valve, and tested satisfactorily.
Drywell Humidity Recorder	Inoperative	Repaired broken wire on motor assembly, tested satisfactorily.
Augmented Off Gas System Hydrogen Detector (OB-14)	Intermittent Alarm	Repaired cold solder connection on zero calibration control tested satisfactorily.
Source Range Monitor #22	No high high light	Replaced lamp and tested satisfactorily.
Control Rod Drive Unit #14-23	Noisy Scram solenoid valve	Replaced pilot head sub-assembly. Tested satisfactorily.
Control Rod Drive Unit #42-19	Rod position indication 00 with no green-green background	Replace position indicator probe and tested satisfactorily.
Safety Valve Thermocouple (NR-28J)	Erroneous reading	Replaced screw that had come loose from terminal block. Tested satisfactorily.
Area Radiation Monitor RO-14B-4	Spiking causing spurious alarm	Replaced detector and trip/indicator unit. Tested satisfactorily.
Control Rod Drive Unit #38-35	No indication at position 48.	Replaced position indicating probe. 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?

A Tech Spec Change Request to incorporate G.E. fuel assemblies will be submitted by September 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.