

MONTHLY OPERATIONS REPORT

FEBRUARY 1983

At the beginning of the report period, the OC Station was operating at 239 MWe with load limited by core reactivity. During the month, the plant continued to experience Air System problems. As part of the effort to upgrade the plant's Air System, the after cooler trap/drains were inspected.

Standby Gas Treatment System I was temporarily declared inoperable to clear out ice in the System Flow Sensing Line. Subsequently, System II was taken out of service to check its System Flow Sensing Line. Both systems were returned to service.

Diesel Generator No. 1 was rendered inoperable for approximately 14 hours in order to perform an ultrasonic test and dye-penetrant test on the generator's collector rings. The test was performed to determine if indications on the collector rings were actually cracks. The test results proved that the indications on the collector rings were nothing more than scratches. The Diesel Generator was subsequently declared operable.

A Reactor shutdown was commenced at 10:00 p.m. on February 11, 1983 for the start of the scheduled 1983 Outage. The generator was off the line at 2345 hours. The Reactor mode switch was placed in the "shutdown" position the following day at 0136 hours. The Reactor water temperature was less than 212°F approximately at 0745 hours.

In addition, the following events were considered noteworthy:

1. New resins were installed in the Reactor Cleanup System demineralizer and two condensate demineralizers.
2. The Reactor was disassembled, and the Reactor cavity and equipment pool flooded for inspection of the Core Spray System sparger and subsequent defueling of the Reactor.
3. The local leak rate testing of various containment isolation valves was initiated and is in progress.
4. The mechanical seals on both Fuel Pool Cooling Pumps failed during the flooding of the Reactor cavity. The seal on "B" Fuel Pool pump was repaired.

The following events were identified as potential Reportable Occurrences:

On February 6, 1983, Standby Gas Treatment System I valves did not line up properly during routine testing.

On February 11, 1983, one thermal dilution pump remained in service during a controlled reactor shutdown with intake canal water temperature less than 10.0°C (50.0°F) and the reactor operating at less than 70% of full rated power. In this condition Appendix B Technical Specifications require all thermal dilution pumps to be shutdown.

On February 18, 1983, the outboard main steam isolation valves failed to meet the leak rate acceptance criteria.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH Feb 1983

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE 3-3-83
COMPLETED BY Ron Baran
TELEPHONE 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
31	2-11-83	S	408	C	1	NA	ZZ	ZZZZZZ	Start of 1983 Refueling/Maintenance Outage.

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

OPERATING DATA REPORT

OPERATING STATUS

UNIT NAME...OYSTER CREEK

1. DOCKET NUMBER . . .50-219
2. UTILITY DATA PREPARED BY. . . M.J. MCFADDEN
(609) 971-4637
3. REPORTING PERIOD . . . FEBRUARY, 1983
4. LICENSED THERMAL POWER (MWT) . . . 1930
5. NAMEPLATE RATING (GROSS MWE) . . . 687.5 X 0.8
6. DESIGN ELECTRICAL RATING (NET MWE) . . . 650
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) . . . 650
8. MAXIMUM DEPENDABLE CAPACITY (NET MWE) . . . 620
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS: NONE
10. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): 220
11. REASON FOR RESTRICTION, IF ANY: FUEL DEPLETION

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. REPORT PERIOD HOURS	672	1,416	115,584
13. HOURS RX CRITICAL	265.6	1,009.6	84,622.8
14. RX RESERVE SHUTDOWN HOURS	0	0	468.2
15. HOURS GENERATOR ON-LINE	263.8	1,007.8	82,693.5
16. UT RESERVE SHUTDOWN HOURS	0	0	0
17. GROSS THERMAL ENER. (MWH)	213,231.9	922,531.9	136,301,262.4
18. GROSS ELEC. ENER. (MWH)	59,620	244,630	46,056,905
19. NET ELEC. ENER. (MWH)	53,361	225,461	44,305,989
20. UT SERVICE FACTOR	39.3	71.2	71.5
21. UT AVAIL. FACTOR	39.3	71.2	71.5
22. UT CAP FACTOR (MDC NET)	12.8	25.7	63.0
23. UT CAP FACTOR (DER NET)	12.2	24.5	59.0
24. UT FORCED OUTAGE RATE	0	0	9.7
25. FORCED OUTAGE HOURS	0	0	8,916.8

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):
REFUELING AND MAINTENANCE, 2/12/83, 11 MONTHS
27. IF CURRENTLY SHUTDOWN, ESTIMATE STARTUP TIME:
1/12/84

AVERAGE DAILY POWER LEVEL
NET MWE

DOCKET #.....50219
UNIT.....O.C. #1
REPORT DATE.....MARCH 10, 1983
COMPILED BY.....MARK J. MCFADDEN
TELEPHONE.....609-971-4637

MONTH: FEBRUARY, 1983

DAY	MW	DAY	MW
1	216	17	0
2	215	18	0
3	213	19	0
4	213	20	0
5	211	21	0
6	211	22	0
7	210	24	0
8	210	25	0
9	207	26	0
10	207	27	0
11	199	28	0
12	0		
13	0		
14	0		
15	0		
16	0		

February SUMMARY OF QASL Mechanical MAINTENANCE

<u>EQUIPMENT</u>	<u>MAJFUNCTION</u>	<u>CORRECTIVE ACTION</u>
#1 Fire Pond Pump	During P.M. inspection pump impeller and casing were found to be damaged	Installed new pump and head shaft. Overhauled motor. Tested satisfactorily.
#1 Diesel Generator	Investigated indications on collector rings found during monthly inspection of diesel generators	Performed dye penetrant check on collector ring assembly of D.G.-1. Rings were acceptable.
Old Radwaste - Floor Drain Sample Tank Inlet Valve	When "A" tank selected "B" tank received water	Disconnected actuator, turned valve 180°, and returned to service. Operating satisfactorily.
AOG Supply Fan	Fan was not running	Replaced belts.
Refueling Bridge	Refueling bridge alignment indicator bent	Removed, repaired, and replaced existing indicator.
CRD Accumulator 26-27	Leaking union observed on the bottom of the nitrogen cylinder after charging	Checked with liquid leak detector. No leaks observed. Pressure holding.
ESW Pumps	Discharge pressure gauges inoperable	Gauges found plugged with debris. Cleaned and returned to service.
1-1 Service Water Pump	Hole in pump casing	Overhauled pump with all new parts. Tested satisfactorily.
"A" CRD Pump	Head bolts on outboard side of pumps leaking	Installed copper washers under 3 head bolts and retorqued.
Refueling Bridge. Air line take-up reel (south side)	Take-up reel does not operate properly	Replaced old reel and installed air lines.

February SUMMARY OF QASL Mechanical MAINTENANCE

EQUIPMENT

NZ01B Core Spray Pump

MAIFUNCTION

Vibration exceeded alert limit during
IST

CORRECTIVE ACTION

Repeated test. Vibration levels below action
range, pump considered operable.

February SUMMARY OF QASL Instrument MAINTENANCE

<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
Augmented Off Gas System "A" Re-combiner Level Control H001A	Erroneous level indication	Bled air from transmitter and refilled reference leg. Tested satisfactorily.
New Radwaste Ventilation Monitor Particulate Recorder	Malfunctioning take-up spool	Repaired take-up spool. Tested satisfactorily.
Clean-up System Pre-coat Tank Low Level Switch	Alarm will not clear	Replaced alarm switch. Tested satisfactorily.
Drywell Humidity Recorder HR-100	Will not make complete cycle in 24-hour period	Adjusted position of chart drive motor. Monitored satisfactorily for 8 hours.
Service Water Discharge Pressure Gauges PI-29 and PI-30	Gauges off scale - high	Calibrated gauges.
Source Range Monitor Channel 23	Out of adjustment	Adjusted per vendor's manual. Tested satisfactorily.
Scram Dump Volume Pipe Monitor UT-4	Erroneous failure alarm received	Adjusted signal threshold setpoint. Tested satisfactorily.
Air Ejector Off Gas Radiation Monitor	Setpoint high	Adjusted setpoint, tested satisfactorily.
Clean-Up System Pressure Regulating Valve	Faulty position indication	Repaired tubing to valve. Stroked valve. Indication satisfactory.
Stack Gas Radiation Recorder Channel 1	Out of calibration	Recalibrated recorder. Tested satisfactorily.

February SUMMARY OF QASL Electrical MAINTENANCE

<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
1-2 Service Water Pump	Motor noisy	Installed new motor, tested satisfactorily.
Rx Bldg 119' Crane - trolley brakes	Would not operate	Installed new coil on trolley elect. brake. Tested satisfactorily.
1 & 2 Fire Diesel	Low battery cell gravities	Placed batteries on equalize charge. Retested satisfactorily.
Fire Detection Panel - New Rad-waste	Zone #4, 5, 10, 11 received false alarms	Adjusted detector sensitivity.
#2 Emerg. Diesel Gen.	Cooling air louvers stuck 1/3 way open	Louvers closed upon starting diesel, checked all connections, found no problems.
Station Batteries A & B	Low water level	Added water and put batteries on 24-hour equalizing charge
#1 Stand-by Gas Treatment System	Failed surveillance test	Exercised flow switch to assure free movement
#1 Fire Diesel "B" Battery	Gravity low in one cell	Replaced battery

REFUELING INFORMATION -

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: February 12, 1983

Scheduled date for restart following refueling: Early - 1984

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:

June 1, 1983 - The final supplement to the reload analysis, delineating the specific core configuration for Cycle 10 operation, will be 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.