MONTHLY OPERATIONS REPORT

November 1983

Throughout the report period, the Oyster Creek Station remained shutdown for the 1983 Refueling/Maintenance Outage.

The Reactor cavity was fully flooded and a new cleanup filter was placed in service to establish water clarity. Once water clarity was established, silt sampling and debris removal in the reactor vessel was completed. Also, inservice inspection of the reactor vessel internals was performed.

No. 1-1 air compressor was not developing sufficient oil pressure and failed its operability test on numerous occasions. It was in and out of service three different times for a total out of service time of ten days.

The plant experienced multiple problems with the fire diesel pumps. On November 3, fire pump 1-1 failed its operability test due to an inability to develop proper discharge pressure. At the time, fire pump 1-2 was also inoperable due to a bearing and gear box problem. Therefore, fire diesel pump 1-1 was left in service to provide system flow if needed until repairs on pump 1-2 were completed. Fire pump no. 1-2 was also out of service for a one day period (Nov. 19) to repair its overspeed relay. Fire diesel pump 1-1 remained inoperable until November 24, 1983. During the period of time both fire diesel pumps were inoperable the appropriate fire watches were established. Fire diesel pump 1-2 was out of service again on November 28, 1983 for a one day period to repair its battery charger.

On November 13, 1983, Reactor Building ventilation isolation valve V-28-22 did not isolate during routine surveillance testing due to failure of its air operator. Consequently, the Standby Gas Treatment System was left in operation. Due to the reduced air flow rate in the building, and the potential for the airborne activity level in the Reactor Building to increase, the Radiological Controls Department terminated all respirator-required work in the Reactor Building (Nov. 14). The air operator was repaired and work requiring respirators was resumed late on November 15, 1983.

On November 14, at approximately 10:20 a.m., a failure/fire occurred in the potential transformer for substation bus "A". This resulted in a complete loss of offsite power. Emergency Diesel Generator (D.G.) No. 2 fast-started and assumed vital loads (D.G. No. 1 has been out of service since October 10, 1983). At the time, Bank 5 was supplying power to "C" bus in the plant. Due to preventive maintenance in progress on breakers 1A1M, 1A2M, and 1A3M, the Unit Substations 1A1, 1A2 and 1A3 were cross-tied to the "B" side of the in-plant electrical system. Therefore, all plant loads were lost when the event occurred. An "Unusual Event" was declared within minutes. The plant shed all of the substation buses to facilitate washdown of bus work contaminated with the potential transformer carbon residue. Operations personnel returned vital banks to service as required during the event. The fire brigade

and local fire companies responded to the fire. Normal electrical line up (off-site power restored) for a shutdown condition was re-established. The Unusual Event was terminated at 7:50 p.m. The potential transformer was replaced and closed into the A 34.5 KVA Bus.

The CRDs scheduled for rebuild and blade shuffle/replacement (73 total) were uncoupled during the report period and CRD rebuild/replacement began. Blade shuffle/replacement is scheduled to start on December 5, 1983.

The CRD System and Cleanup System were drained to facilitate equipment maintenance.

The following items were also considered noteworthy:

1. The Condensate System was secured for a 12 day period to rebuild the feedwater inlet valves. The valve overhaul was completed except for Limitorque installation (valves gagged closed).

2. The Shutdown Cooling System hydro-test was satisfactorily completed. M&C still needs to install the new annubar flow sensors in all three (3) strings.

3. Repairs to "B" fuel pool pump (bearings) were completed. At the end of the report period, "A" fuel pool heat exchanger was tagged out of service for hydro-lasing.

4. The four CRDs which drifted into the core on October 11, 1983 were inspected with satisfactory results and subsequently withdrawn from the core.

5. Stack gas sample pump motor "A" was rebuilt.

6. "B" isolation condenser was drained for inspection and painting. Presently, secondary containment concerns are being addressed prior to opening up the condenser.

7. The Operations Department requested that the Plant Materiel Department investigate and evaluate problems associated with plant batteries. The majority of the plant's batteries have failed their associated surveillance tests due to low voltage or low specific gravity.

8. The Cleanup System tripped on two occasions due to flow switch problems. The flow switch was repaired.

9. Service water pump no. 2 was inoperable for a five-day period due to an instrument line leak and mechanical problems on circuit breakers.

10. USS 1A1, 1A2 and 1A3 were returned to plant's normal electrical system lineup after breaker preventive maintenance was completed.

11. The 18-month SGTS efficiency test was satisfactorily performed.

The following Licensee Event Reports were submitted during November 1983:

Reportable Occurrence No. 50-219/83-21/03L:

On October 12, 1983, a loss of power feed from emergency diesel generator No. 1 to 4160 volt emergency bus 1C resulted in rendering one train of the Standby Gas Treatment System inoperable. This condition is a degraded mode permitted by limiting conditions for operation as specified in the Technical Specifications. In addition, stack gas sample pump A was operating until the loss of power occurred. Stack gas sample pump B was started, but tripped a short time later. With both pumps inoperable, stack gas sampling was unavailable and the continuous sampling requirments of the Technical Specification could not be met. The cause of the loss of buses 1A and 1C was due to a phase-to-ground fault of the diesel generator No. 1 power feed to bus 1C. The cause of the loss of stack gas sampling pump B is still under investigation. Electrical testing was performed on buses 1A, 1C and the unit substations to assure that no faults had occurred. Power was then restored to bus 1A and 1C via normal offsite power. Corrective maintenance was initiated to correct the problems associated with C1 battery charger, B stack gas sample pump and the failed diesel generator cable.

Reportable Occurrence No. 50-219/83-22/03L:

Operation in a degraded mode permitted by a limiting condition for operation when two (2) mechanical snubbers on the Main Steam System and Core Spray System were found to be inoperable during Stroke testing as required by IE Bulletin 81-01. These snubbers are designed to prevent unrestrained pipe motion under dynamic loads as might occur during an earthquake or severe transient while allowing normal thermal motion during startup and shutdown. Both inoperable snubbers will be disassembled to determine the extent of damage and to determine the failure mechanism. The failed snubbers have been replaced with operable spares.

Reportable Occurrence 83-18/03L:

On September 22, 1983, Reactor Building Ventilation System Isolation Valve V-28-12 failed to close when its pilot solenoid was de-energized during maintenance activities. This constituted a degradation of secondary containment integrity as described in the Technical Specifications. The cause of this occurrence was a solid dirt blockage of the air operating cylinder closure port which prohibited valve movement. The air operator was removed, disassembled, cleaned, repaired and reinstalled. Following reassembly, the valve was tested, found to be satisfactory and placed back in service. An engineering study of the Instrument Air System is in progress that will identify and implement improvements to enhance system performance.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE 12/1/83
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
31	2-11-83	S	7008	C	1	N/A	ZZ	ZZZZZZ	Start of 1983 Refuel/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

(9/77)

OPERATING DATA REPORT
OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: November, 1983
3. UTILITY CONTACT: JOSEPH R. MOLNAR 609-971-4699
4. LICENSED THERMAL POWER (MWt): 1930
5. NAMEPLATE RATING (GROSS MWe): 687.5 X 0.8 = 550
6. DESIGN ELECTRICAL RATING (NET MWe): 650
7. MAXIMUM DEPENDABLE CAPACITY (GROSS 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):
11. REASON FOR RESTRICTION, IF ANY: NONE

		MONTH	YEAR	CUMULATIVE
12.	REPORT PERIOD HRS	720.0	8,016.0	122,184.0
13.	HOURS RX CRITICAL	0.0	1,009.6	84,623.9
14.	RX RESERVE SHTDWN HRS	0.0	0.0	468.2
15.	HRS GENERATOR ON-LINE	0.0	1,007.8	82,693.8
16.	UT RESERVE SHTDWN HRS	0.0	0.0	0.0
17.	GROSS THERM ENER (MWH)	0.0	853,300	136,224,729
18.	GROSS ELEC ENER (MWH)	0.0	244,630	46,056,905
19.	NET ELEC ENER (MWH)	-1,785	207,068	44,287,596
20.	UT SERVICE FACTOR	0.0	12.6	67.7
21.	UT AVAIL FACTOR	0.0	12.6	67.7
22.	UT CAP FACTOR (MCD NET)	0.0	4.2	58.5
23.	UT CAP FACTOR (DER NET)	0.0	4.0	55.8
24.	UT FORCED OUTAGE RATE	0.0	0.0	9.7
25.	FORCED OUTAGE HRS	0.0	0.0	8,916.8

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION): N/A
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP TIME: 04/29/84

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #. 50-219
UNIT. . . . . .Oyster Creek #1
REPORT DATE . . . . . .DECEMBER 05, 1983
COMPILED BY . . . . . .JOSEPH R. MOLNAR
TELEPHONE # 609-971-4699

MONTH NOVEMBER, 1983

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

Oyster Creek Station #1
Docket No. 50-219

REFUELING INFORMATION - November, 1983

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: Presently shutdown for Refueling

Scheduled date for restart following refueling: April 29, 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 assemblies into the Cycle 10 core.

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

October 28, 1983 - The final supplement to the reload analysis, delineating the specific core configuration for Cycle 10 operation, 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 = 0
(b) in the spent fuel storage pool = 1375

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:

Full core offload capability will be lost after the 1985 outage. Batch discharge capability will be lost after the 1987 outage. Expanded spent fuel pool rack capacity (2,600) is scheduled for 1984.

GPU Nuclear

GPU Nuclear Corporation
Post Office Box 388
Route 9 South
Forked River, New Jersey 08731-0388
609 971-4000
Writer's Direct Dial Number:

December 15, 1983

Director
Office of Management Information
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Monthly Operating Report

In accordance with the Oyster Creek Nuclear Generating Station Operating License No. DPR-16, Appendix A, Section 6.9.1.C, enclosed are two (2) copies of the Monthly Operating Data (gray book information) for the Oyster Creek Nuclear Generating Station.

If you should have any questions, please contact Mr. Michael Laggart at (609) 971-4643.

Very truly yours,

Peter B. Fiedler
Vice President and Director
Oyster Creek

PBF:PFC:dam
Enclosures

cc: Director (10)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Regional Administrator (1)
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731

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