OPERATIONS MONTHLY REPORT

At the beginning of the report period, the Oyster Creek Station was operating at 275 gross MWe with load limited by core reactivity. During the month, the plant continued to experience Air System problems.

Equipment difficulties were experienced at the Intake Structure due to sub-freezing weather conditions and ice accumulation at mid-month. Full opening of the thermal dilution gates and heat tracing of the Emergency Service Water Pump pressure sensing lines corrected the problems.

Off-site power availability via startup transformer SA was lost for a 15 hour period due to the failure of the stress cones on the power feeds to the plant's dilution pump motors. (The transformer bank in the substation which feeds the startup transformer was isolated to facilitate "Hi-Pot" and megger testing). Plant Engineering is presently investigating the cause of the stress cone failure. Due to the required repair on the power feed cables to the dilution pumps, the pumps were unavailable for six (6) days.

In addition, the following events are also considered noteworthy:

1. Condensate Pump "C" was removed from service due to excessive seal leakage.

2. Feedwater String "B" was removed from service due to a leak in High Pressure Feedwater Heater 1B3.

At the end of the report period, the Plant was operating at 240 gross MWe.

The following events were identified as potential Reportable Occurrences:

On January 13, 1983, a sufficient number of thermal dilution pumps were not in operation for a 16 minute period, one minute beyond limit.

On January 18, 1983, the CRD Hydraulic System momentarily lost pressure due to a trip of "B" CRD Pump. The pump was immediately restarted. CRD Pump "A" was tagged out of service for repair. Also during this event, Core Spray Pump NZ01A was temporarily tagged out of service for a megger check after becoming wet due to repairs in progress on CRD Pump "A".

On January 18, 1983, a sufficient number of thermal dilution pumps were not in operation for a 17 minute period, two minutes beyond limit.

On January 23, 1983, operation of all dilution pumps was lost due to a trip of the feeder breakers. All dilution pumps were out of service for a period of approximately seven days.

On January 23, 1983, Bank 5 (startup transformer SA) was taken out of service to allow investigation of the electrical fault on the dilution plant power feeds.

On January 24, 1983, Chemical Waste Collecting Tank WC-T-1B Level Instrumentation failed, resulting in an overflow of the tank into the tank containment vault in the New Radwaste facility. This presented a potential unmonitored release to the environment.

On January 26, 1983, during the performance of the Containment Spray System Auto Actuation Test, Drywell High Pressure Sensors' 1P15A, 1P15B and 1P15C setpoints were found to be higher than the associated Technical Specification limit.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1983

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE 2-3-83
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
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)

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #.....50219
UNIT.....O.C.#1
REPORT DATE....FEBRUARY 07, 1983
COMPILED BY....MARK J. MCFADDEN
TELEPHONE.....609-971-4637

MONTH: JANUARY, 1983

DAY	MW	DAY	MW
1	249	17	230
2	249	18	227
3	246	19	228
4	245	20	222
5	245	21	226
6	242	22	224
7	241	23	225
8	239	24	222
9	240	25	221
10	238	26	219
11	235	27	220
12	234	28	225
13	232	29	219
14	232	30	219
15	231	31	217
16	230		

UNIT NAME: OYSTER CREEK

1. DOCKET: 50-219
2. REPORTING PERIOD: 01/83
3. UTILITY CONTACT: MARK J. MCFADDEN 609-971-4637
4. LICENSED THERMAL POWER (MWt): 1930
5. NAMEPLATE RATING (GROSS MWe): 687.5 * 0.8
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): 240
11. REASON FOR RESTRICTION, IF ANY:
    FUEL DEPLETION

	MONTH	YEAR	CUMULATIVE
12. REPORT PERIOD HRS	744.0	744.0	114912.0
13. HOURS RX CRITICAL	744.0	744.0	86107.9
14. RX RESERVE SHTDWN HRS	0.0	0.0	468.2
15. HRS GENERATOR ON-LINE	744.0	744.0	83246.8
16. UT RESERVE SHTDWN HRS	0.0	0.0	0.0
17. CROSS THERM ENER (MWH)	709300.0	709300.0	137054300.0
18. CROSS ELEC ENER (MWH)	185010.0	185010.0	46227530.0
19. NET ELEC ENER (MWH)	172100.0	172100.0	44415640.0
20. UT SERVICE FACTOR	100.0	100.0	72.4
21. UT AVAIL FACTOR	100.0	100.0	72.4
22. UT CAP FACTOR (MDC NET)	37.3	37.3	62.3

January SUMMARY OF QASL Instrument MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Event Recorder	Chart drive slipping	Replaced worn motor gear assembly.
Drywell Humidity Recorder HR-100	Unable to obtain reading	Repaired heater bulb socket.
Drywell Humidity Recorder HR-100	Chart Drive slow	Replaced Chart Drive Motor.
Radwaste Ventilation System Radiation Recorder	Erratic operation	Replaced frayed extension cable. Calibrated satisfactorily.
Augmented Off-Gas "A" Recombiner Hydrogen Analyzer	Leaking at detector	Replaced detector cell and leak tested satisfactorily. Calibrated analyzer.
Control Rod Drive 38-15 Position Indicator	No indication	Lifted lead of J-1 Pin 20 to remove ground fault. Work Order written for Outage.
Torus Oxygen Analyzer	Recorder does not agree with Analyzer	Adjusted Recorder output potentiometer on analyzer. Tested satisfactorily.
Control Rod Drive Flow Square Root Converter RD15A	Output erratic	Recalibrated satisfactorily.
Drywell Humidity Recorder HR-100	Printing erratically	Cleaned connector contacts.
Emergency Service Water Discharge Pressure Gauge ESW P-1	Out of calibration	Adjusted zero and rechecked calibration.

January SUMMARY OF QASL Instrument MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Drywell Oxygen Analyzer	Failed upscale	Purged sample line and tested satisfactorily.
Main Steam Hi Hi Radiation Alarm	Will not clear	Cleaned alarm card contacts
Reactor Protection System I Flow Converter	Power supply failed	Replaced isolated power supply. Tested satisfactorily.

January SUMMARY OF QASL Electrical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
New Radwaste Fire Detection	Zone 10 continuous alarm	Adjusted two ion detectors to clear alarm.
New Radwaste Fire Detection	Zone 5 intermittent alarms	Adjusted sensitivity of one ion detector.
Fire Prevention - Deluge Network	System #5 main drain valve leaking	Installed cap on main drain pipe.
Fire Diesel #1	Unit failed to start	Replaced broken wire on starting relay. Tested satisfactorily.
24-volt Battery Charger A2	Output breaker tripped	Readjusted overvoltage trip setting.
1-1 Service Water Pump Motor	Excessive vibration	Rebuilt motor.
125-volt Battery Charger C1	Alarm lamps defective	Replaced two alarm lamps
Control Room Annunciator Acknowledge Switches - Panels 4F and 7F	Require replacement	Replaced two switch assemblies.

January SUMMARY OF QASL Mechanical MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
1-1 Diesel Fire Pump	Fire Pump gear drive unit ratchet assembly broken	Replaced coupling, pins, and ratchet, staked screw and replaced gaskets.
1-2 Diesel Fire Pump gear drive	Suspected failure of 1-2 ratchet assembly based on inspection results of 1-1 fire pump	Replaced ratchet, coupling, and pins.
119' elev. Overhead Crane Reactor Building	Sheave on crane is stuck causing rubbing noise	Disassembled hook sheave, cleaned, and relubricated with nickel Never-Seeze.

Oyster Creek Station #1
Docket No. 50-219

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.