MONTHLY OPERATIONS SUMMARY

APRIL 1981

At the beginning of the reporting period, the Oyster Creek Nuclear Generating Station was in the process of starting up after correcting an increasing leak rate in the primary containment. Full load was attained on April 2. On April 6, intake problems forced a load reduction to 61% power. Coincident with this reduction, "B" feedwater string was taken out of service due to increasing leakage in the High Pressure heater. Load was limited by feedwater system capacity until April 17 when the plant was shut down for a scheduled maintenance outage.

There were 5 Reportable Occurrences identified during April.

R.O. #81-14 occurred on April 1 when the Primary Containment Oxygen concentration was greater than 5% 24 hours after going into "Run" mode.

R.O. #81-16 occurred on April 20 when Condensate System Bypass Valve V-2-88 failed resulting in a radioactive spill to the environment.

R.O. #81-17 occurred on April 15 when the water level dropped below the pump suctions.

R.O. #81-18 was identified on April 18 when the Reactor Building to Torus vacuum breakers were prevented from fully opening by the installation of contractor scaffolding.

R.O. #81-19 occurred on March 28 when the IRM's were not calibrated during the shutdown.

OPERATING DATA REPORT

OPERATING STATUS

UNIT NAME...OYSTER CREEK

DOCKET NUMBER...50-219

UTILITY DATA PREPARED BY...J.B. SKLAR 609-693-6013

REPORTING PERIOD... April 1981

LICENSED THERMAL POWER(MWT)...1930

NAMEPLATE RATING(GROSS MWE)...650

DESIGN ELECTRICAL RATING(NET MWE)...650

MAXIMUM DEPENDABLE CAPACITY(GROSS MWE)...650

MAXIMUN 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...
FEEDWATER SYSTEM CAPICITY

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	720.0	2880.0	99528.0
HOURS RX CRITICAL	413.6	2519.6	74950.2
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	410.5	2375.5	73344.4
UT RESERVE SHUTDOWN HRS	0.0	0.0	0.0
GROSS THERMAL ENERGY	629300.0	4005400.0	124151880.5
GROSS ELEC ENERGY	184440.0	1324150.0	42252395.0
NET ELEC ENERGY	175050.0	1269650.0	40708308.0
UT SERVICE FACTOR	57.0	82.5	73.7
UT AVAILABILITY FACTOR	57.0	82.5	73.7
UT CAPACITY FACTOR MDC	39.2	71.1	67.4
UT CAPACITY FACTOR DER	37.4	67.8	62.9
FORCED OUTAGE FACTOR	43.0	17.5	7.0

THE STATION IS SCHEDULED TO STARTUP ON MAY 26,1981

AVERAGE DAILY POWER LEVEL

DOCKET #..... 50-219
UNIT..... O. C. #1
REPORT DATE... May 14, 1981
COMPILED BY... J.B. SKLAR
TELEPHONE..... 609-693-6013

MONTH April 1981

DAY	MW	DAY	MW
1.	354.	17.	372.
2.	547.	18.	15.
3.	579.	19.	0.
4.	581.	20.	0.
5.	577.	21.	0.
6.	500.	22.	0.
7.	381.	23.	0.
8.	386.	24.	0.
9.	388.	25.	0.
10.	387.	26.	0.
11.	382.	27.	0.
	383.	28.	0.
13.	384.	29.	0.
14.	383.	30.	0.
15.	383.	31.	0.
16.	378.		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1981

DOCKET NO. 50-219
UNIT NAME Oyster Creek #1
DATE May 14, 1981
COMPLETED BY J. B. Sklar
TELEPHONE 609-693-6013

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
15	4-6-81	F	0.0	F	5	N/A	ZZ	ZZZZZ	"B" Feedwater String was taken out of service to avoid impingement and further damage from tube leaks.
16	4-17-81	S	309.5	B	1	N/A	ZZ	ZZZZZ	Scheduled shutdown for TMI modifications and maintenance.

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)

APRIL SUMMARY OF QASL INSTRUMENT MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
C.R.D. Temp. Recorder 46-15	Hi temp. alarm continuous	Installed jumper #99 on pt. 12 bank 2 per procedure 108
Recirculation Pump and M.G. Sets Temp. Recorder	Out of service	Cleaned, re-inked, observed proper operation of recorder
Recirculation Pump Motor A Temp. Recorder	R.T.D. failed	Reconnected to a spare R.T.D.
Drywell Humidity Recorder	Out of service	Loosened indicating arm and aligned recorder
Primary Containment Temp. Recorder	Spurious alarms	Repaired input selector terminal board and tightened connections
Standby Gas Treatment System	Hepa Filter ΔP Sensor out of calibration	Calibrated system
Core Spray Interlock Bypass	Spurious alarms	Cleaned dirty alarm card contacts
SRM Channel 23	Excessive drift	Replaced module Z12 and adjusted Z1[illegible]

INSTRUMENT MAINTENANCE CONT.

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
IRM Channel 15	Spiking	Connector contacts in drywell cleaned
IRM Channel 16	Out of service	Loose connection on detector tightened
Reactor Level Control Recorder	Out of calibration	Calibrated
Main Steam Line Radiation Monitors	Set points require adjustment	Adjusted alarm to 300±50 and trip to 600±00
AOG Alarm Annuciation	Conflicting indications	Replaced "Panalarm Duo-Trip" unit in AOG building. Calibrated alarm circuit 060A. Cleaned annunciator card contacts.
Stack Gas Radiation Recorder B	Chart drive quit	Replaced faulty component CR-1 (1N961), checked calibration
Liquid Effluent Monitor RB-HP-058	Failed downscale	Replaced faulty connection wire

INSTRUMENT MAINTENANCE CONT.

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
AEOG #2 Recorder	Recorder in conflict with meter	Cleaned, lubricated, calibrated recorder
Event Recorder	Chart drive not working	Replaced chart drive motor

APRIL SUMMARY OF QASL MECHANICAL MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
1-7 Sump Isolation V-24-37	Double indications	Air operator replaced

APRIL SUMMARY OF QASL ELECTRICAL MAINTENANCE

EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
Containment Spray Pump 51C	Light socket on control room panel	Removed, repaired, rep'aced light socket
Core Spray, V-20-27	Control power fuse	Trouble shot system-megg ered and checked currents, replaced fuse
Core Spray, V-20-12 & 27	Indication power fuses	Checked circuits, replaced 1 bulb and 2 fuses
#1 Serivce Water Pump	Breaker tripping	Replaced motor and one overcurrent device in breaker
RBCCW Pump 1-1	Abnormal vibration	Motor and pump checked with vibration analyzer-required realignment

Oyster Creek Station #1
Docket No. 50-219

REFUELING INFORMATION -

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: November 28, 1981

Scheduled date for restart following refueling: May 31, 1982

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 June 1, 1981.

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 & 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 accomodated through about 1983 or 1984 with 1800 licensed locations.