MONTHLY OPERATIONS SUMMARY

July 1981

At the beginning of the reporting period, the Oyster Creek Nuclear Generating Station was increasing core thermal power after a low condenser vacuum SCRAM. The turbine was on line at 2126 on July 1. Power was increased until limited by condenser vacuum at 530 MW_e. On July 6, a temporary leak of short lived gases from a construction project installing ductwork from the roof of the New Radwaste Facility to Exhaust Fan 1-6 resulted in an unmonitored release to the environment. Corrective action was taken to terminate the release and a reactor shutdown was initiated. The reactor shutdown was terminated after 78 minutes. On July 15, a reactor shutdown was initiated when Reactor Building Exhaust Valve V-28-22 failed to close during a test of Standby Gas Treatment System II. The shutdown was terminated after 98 minutes when V-28-22 was manually closed and secured. On July 21, intake problems caused a temporary load reduction to 43%.

Throughout the reporting period, load varied between 50% and 72% depending upon intake temperature and its effect upon degraded condenser vacuum.

The following Reportable Occurrences were identified during the month of July:

- R.O. 81-27 occurred on July 9 when the ball valve for #2 Traversing Incore Probe machine was inoperable.
- R.O. 81-28 occurred on July 6 when there was an unmonitored release to the environment of short lived gases from a construction project erecting ductwork connecting the New Radwaste Facility and Reactor Building Exhaust Fan 1-6.
- R.O. 81-29 occurred on July 13 when "B" Control Rod Drive Pump was out of service for corrective maintenance.
- R.O. 81-30 occurred on July 14 when Reactor Building Exhaust Valve V-28-22 failed to close during a test of SBGTS II.
- R.O. 81-31 occurred on July 16 when "B" EMRV was found inoperable due to a corroded shorting bar.
- R.O. 81-32 occurred on July 13 when the surveillance on the EMRV Acoustic Monitor and thermocouple was not performed as required.
- R.O. 81-33 occurred on July 24 when both Northwest Secondary Containment Doors were found to be open due to interlock failure.

MONTHLY OPERATIONS SUMMARY

-2-

R.O. 81-34 occurred on July 22 when Peaking Factor limit was exceeded.

- R.O. 81-35 was identified on July 21 when a Fire Barrier in Panel 12XR was found to be non-functional due to an unplugged 1/2 inch penetration.
- R.O. 81-36 occurred on July 30 when SBGTS #1 was out of service due to high differential pressure across the filter.
- R.O. 81-37 occurred on July 31 when the southeast torus room door was found open.

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 July 1981 LICENSED THERMAL POWER (MWT) 1930 NAMEPLATE RATING (GROSS MWE) 650 DESIGN ELECTRICAL RATING (NET MWE) 650 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

DEGRADED CONDENSER VACUUM

	MONTH	YEAR	CUMULATIVE
HOURS IN PERIOD	744.0	5087.0	101735.0
HOURS RX CRITICAL	744.0	3967.1	76397.7
RX RESERVE SHUTDOWN HRS.	0.0	0.0	468.2
HRS. GEN ON LINE	722.5	3750.9	74719.9
UT RESERVE SHUTDOWN HRS.	0.0	0.0	0.0
GROSS THERMAL ENERGY	964800.0	5996440.0	126142920.5
GROSS ELEC ENERGY	286110.0	1938530.0	42866775.0
NET ELEC ENERGY	271620.0	1851040.0	41289698.0
UT SERVICE FACTOR	97.1	73.7	73.4
UT AVAILABILITY FACTOR	97.1	73.7	73.4
UT CAPACITY FACTOR MDC	58.9	58.7	66.9
UT CAPACITY FACTOR DER	56.2	56.0	62.4
FORCED OUTAGE FACTOR	2.9	8.2	6.7

THE NEXT SCHEDULED OUTAGE IS TO BEGIN ON FEBRUARY 12, 1981

AVERAGE DAILY POWER LEVEL

DOCKET #	50-219
UNIT	0. C. #1
REPORT DATE	August 20, 1981
COMPILED BY	J. B. Sklar
TELEPHONE	609-693-6013

MONTH July 1981

DAY	MW.	DAY	MW
1.	3.	17.	385.
2.	303.	18.	362.
3.	451.	19.	355.
4.	480.	20.	342.
5.	461.	21.	316.
6.	461.	22.	312.
7.	442.	23.	375.
8.	431.	24.	376.
9.	402	25.	342.
10.	366.	26.	346.
11.	360.	27.	331.
12.	358.	28.	360.
13.	346.	29.	333.
14.	352.	30.	382.
15.	403.	31.	373.
16.	408.		

F: Force S: Sched	No. N/A
L C	Date
C.P.R.	Type ¹
on: uipment Fi uipment Fi ueling gulatory R gulatory R gulatory R	Duration (Hours)
alluce (E of Test e ning & L	Reason ²
xplain)	Method of Shutting Down Reactor ³
lination	Licensee Event Report #
3 Metho 1-Man 2-Man 4-Othe	System Code ⁴
d: ual Scram. r (Explain)	Component Code ⁵
4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NU 0161) S Exhibit I - Same Source	Cause & Corrective Action to Prevent Recurrence

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-219 UNIT NAME DATE August 15, 1981 MPLETED BY 509-693-6013

JULY SUMMARY OF QASL MECHANICAL MAINTENANCE

Equipment

1-2 Diesel Generator

Refueling Bridge

"B" Control Rod Drive Pump

Exhaust Fans 1-5, 6, 7

"B" Control Rod Drive Pump Discharge Filter

Emergency Condenser Vent Valve V-14-19

Emergency Condenser

Fire Sprinkler

Refuel Grapple Main Hoist

Core Spray Pump

Torus Vent Valve V-28-18

Emergency Condenser

CRD Hydraulic Control Unit 18-39

Malfunction

Lube oil circulating pump bearings noise

Main grapple Section hanging up

Seal water line union leaking

Cracks found in duct work

High differential pressure

Packing leak

Hydraulic snubber 95/9 found leaking oil

Head bracket broken near "B" Recirc MG so

Cable in a degraded condition

NZO3D oiler malfunctioning

Giving wrong indication in Control Room

Hydraulic snubber leaking on 75' elevation

Leaking past seat SCRAM inlet valve

Corrective Action

Replaced pump

Straightened grapple for proper operation

Tightened union to stop leak

Repaired duct work temporarily with duct tape

Replaced filter elements

Repacked valve

Replaced snubber with a rebuilt unit - old one tested - operable

Repaired bracket

Replaced with new cable

Replaced with new oiler

Adjusted linkage arms to give proper indication

Snubber was replaced with a rebuilt spare - old one tested - operable

Rebuilt valve - operates satisfactorily

JULY SUMMARY OF QASL ELECTRICAL MAINTENANCE

Equipment

A.O.G. "B" Recombiner Blower Motor

Emergency Diesel #1

C Battery HVAC

V-21-9 Broken Control Switch

Fire Diesel Battery

Reactor Building Exhause Valve V-28-22

Reactor Building Air Lock 23' N/W

Refueling Crane

Control Room Conduit

Malfunction

Wiring grounded

Wires at governor pump motor degraded

Low temperature alarm

Broken control switch

Failed to maintain proper specific gravity.

V-28-22 will not isolate

Plunger mechanism on outside door inoperable

Hoist loaded light will not operate

Open conduit fire hazard

Corrective Action

Repaired wiring on motor

Repaired wiring on motor

Checked circuit, operating OK

Replaced key lock switch

Replaced 1 battery on fire diesel #1, replaced batteries on diesel #2

Replaced plunger and solenoid

Adjusted plunger and tightened screws

Adjusted load cell

Installed R.T.V. foam in conduit

JULY SUMMARY OF QASL INSTRUMENT MAINTENANCE

Equipment	Malfunction	Corrective Action
Intermediate Range Monitor Channel #17	Pre-Amplifier unit out of cali- bration	Calibrated Pre-Amplifier
Area Radiation Monitor (Shutdown Heat Exchanger)	Intermittant Alarm	Calibrated Sensor
Area Radiation Monitor (Radwaste Truck bay area)	Degraded connector	Connector maintenance required
Stand by Gas Treatment System I	System I failed to line up	Adjusted Pitot tube
Main Steam Line Radiation Monitors No. 3 and No. 4	Surveillance discrepancy	Calibrated monitors and performed maintenance on recorders
Local Power Range Monitors	Various problems with an assort- ment of detectors and amplifiers	Maintenance and calibration on various Local Power Range Monitor Amplifiers
Traversing In-Core Probe Calibration System	Position display not complete	Cleaned relay solenoid contacts
Intermediate Range Monitor Channel #17	Surveillance discrepancy	Calibrated Monitor
Event Recorder	Will not take up properly	Tightened drive gear on take up spool
Control Rod Drive 34-11 position indication	Rod No. 34-11 has no indication at position 18	Troubleshot circuitry, outage job order initiated
Intermediate Range Monitor Channel #16	Surveillance discrepancy	Calibrated Monitor
Process Monitor Reactor Building closed Cooling Monitor	Recorder out of calibration	Calibrated Recorder

JULY SUMMARY OF QASL INSTRUMENT MAINTENANCE - Page 2

Equipment	Malfunction	Corrective Action
Hydrogen Monitor (OB-14) (Auxiliary Off Gas Building	Intermittant Alarm	Replaced detector unit and calibrated
Intermediate Range Monitor Channel #16	Surveillance discrepancy	Calibrated Monitor
Standby Gas Treatment System No. I	Low Flow Alarm	Burnished Relay contacts
Auxiliary Off Gas Building	Hydrogen Monitor for HVAC upscale with no combustible gas present	Calibrated Monitor
Drywell/Torus oxygen analyzer recorder	Erratic operation	Repaired bushing and brush assembly, calibrated recorder
Control Rod Drive #18-39	Rod position shows green- green indication	Troubleshot circuitry, found no problem with position indication. Valve leaking repaired by Maintenance Department
Intermediate Range Monitor Channel #16	Surveillance discrepancy	Calibrated Monitor and recorder
Drywell/Torus water temperature recorder	Erroneous Hi temperature alarm	Tightened loose wire on thermocouple plug, cleaned recorder components
Drywell/Torus oxygen analyzer recorder	Torus Pen not tracking properly	Performed corrective maintenance
Main Steam Line Flow Sensor RE-22F	Reads approximately 7 PSI off other sensors	Calibrated sensor, trip point was in spec
Source Range Monitors No. 21 and 22	Front Panel discrepancy	Calibrated Monitors

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, 1982

Scheduled date for restart following refueling: August 13, 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 September 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:

- 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.
- 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.