GPU Nuclear

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December 12, 1990

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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 Brenda DeMerchant, Oyster Creek Licensing Engineer at (609) 971-4642.

Very truly yours,

E E Fitzpatrick

E. E. Fitzpatrick
Vice President and Director
Oyster Creek

EEF:BDEM:jc
(MOR)
Enclosures

cc: Mr. Thomas Martin, Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Alexander W. Dromerick, Project Manager
U.S. Nuclear Regulatory Commission
Washington, DC 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station

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MONTHLY OPERATING REPORT NOVEMBER 1990

The following Licensee Event Reports were submitted during the month of November, 1990:

LER 90-14: Flow Biased APRM Scram & Rod Block Setpoints Higher than Tech Spec Limits Due to Instrument Drift

On October 8, 1990 a comparison was made between the indicated recirculation flow and the flow output of the flow converter units for the APRMs. Both flow converters indicated approximately 7% higher than the other indications in the Control Room. Evaluation showed that the converter units had drifted high, and that the as-found flow biased APRM rod block and scram setpoints had exceeded the limits required in the Technical Specifications. All APRMs were declared inoperable and a reactor shutdown was initiated until the APRM gain was adjusted to compensate for the high flow inputs. The cause of this event has been attributed to the break-in of new electronic components. This event is considered to have minimal safety significance because although the flow biased scram setting had drifted in the non-conservative direction, it was in all cases limited by the fixed trip at 115.7%, which bounds the applicable analyzed transients. Some reduction in the margin to the safety limit resulted from the drift in the rod block setpoints, but analysis indicates that MCPR limits would not have been reached for any rod withdrawal error transient. A monitoring program was set up for the flow converters and a change was put into the Technical Manual giving more direction on calibration after component replacement.

MONTHLY OPERATING REPORT - NOVEMBER 1990

At the beginning of November, Oyster Creek was operating at full power. Power was reduced for about 14 days to repair a leak on a feedwater minimum flow valve and to conduct inspections and repairs to associated piping. At the end of November, Oyster Creek was operating at full power.

OPERATING DATA REPORT

OPERATING STATUS

1. DOCKET: 50-219
2. REPORTING PERIOD: 11/90
3. UTILITY CONTACT: HARI S. SHARMA 609-971-4638
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): 642
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): None
11. REASON FOR RESTRICTION, IF ANY: None

		MONTH	YEAR	CUMULATIVE
12.	REPORT PERIOD HRS	720.0	8016.0	183552.0
13.	HOURS RX CRITICAL	720.0	7060.6	118321.2
14.	RX RESERVE SHTDWN HRS	0.0	0.0	918.2
15.	HRS GENERATOR ON-LINE	720.0	6937.2	115169.0
16.	UT RESERVE SHTDWN HRS	0.0	0.0	1208.6
17.	GROSS THERM ENER (MWH)	1141932	12257770	193530829
18.	GROSS ELEC ENER (MWH)	379760	4024980	65147720
19.	NET ELEC ENER (MWH)	365042	3864054	62519032
20.	UT SERVICE FACTOR	100.0	86.5	62.7
21.	UT AVAIL FACTOR	100.0	86.5	63.4
22.	UT CAP FACTOR (MDC NET)	81.8	77.7	54.9
23.	UT CAP FACTOR (DER NET)	78.0	74.2	52.4
24.	UT FORCED OUTAGE RATE	0.0	11.0	11.7
25.	FORCED OUTAGE HRS	0.0	859.9	15270.0

26. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, DURATION):
Cycle 13 Refueling Outage scheduled to begin on Feb. 15, 1991, scheduled to end May 31, 1991.
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

AVERAGE DAILY POWER LEVEL
NET MWe

DOCKET #. 50219
UNIT. . . . . .OYSTER CREEK #1
REPORT DATE . . . . . .DECEMBER 3, 1990
COMPILED BY . . . . . .HARI S. SHARMA
TELEPHONE # 609-971-4638

MONTH NOVEMBER, 1990

DAY	MW	DAY	MW
1.	627	16.	292
2.	627	17.	316
3.	610	18.	468
4.	408	19.	626
5.	427	20.	630
6.	425	21.	631
7.	428	22.	631
8.	424	23.	630
9.	426	24.	631
10.	386	25.	631
11.	388	26.	618
12.	422	27.	630
13.	420	28.	629
14.	280	29.	629
15.	290	30.	630

Oyster Creek Station #1
Docket No. 50-219

REFUELING INFORMATION - NOVEMBER, 1990

Name of Facility: Oyster Creek Station #1

Scheduled date for next refueling shutdown: February 15, 1991

Scheduled date for restart following refueling: May 31, 1991

Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes

Technical Specification Change Request 180 was submitted to the NRC on 5-07-90. This submittal was made in accordance with GL 88-16 to incorporate cycle specific parameters in a core operating limits report.

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.

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	= 1605
	(c)	in dry storage	= 147

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 licensed capacity: 2600

The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

The reracking of the fuel pool is now complete. All ten (10) racks are now installed. Discharge capacity to the spent fuel pool will be available until 1994 refueling outage.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-219
UNIT NAME Oyster Creek
DATE December, 1990
COMPLETED BY R. Baran
TELEPHONE 971-4640

REPORT MONTH November, 1990

NO.	DATE	TYPE F: Forced S: Scheduled	DURATION (Hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
101	901103	F	0	A	4	Reduced plant load to 380 MWe to remove 'A' Feedwater String from service due to pin hole leak on 'A' Feedwater Minimum Flow Valve.
102	901113	S	0	A	4	Reduced plant load to 295 MWe due to ALARA concerns during the NDE inspection of feedwater minimum flow lines in the condenser bay.

Summary :

(1) REASON

a. Equipment Failure (Explain)
b. Maintenance or Test
c. Refueling
d. Regulatory Restriction
e. Operator Training & License Exam
f. Administrative
g. Operational Error (Explain)
h. Other (Explain)

METHOD

1. Manual
2. Manual Scram
3. Automatic Scram
4. Other (Explain)