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January 14, 1997 6730-97-2006

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, DC 20555

Dear Sir:

SUBJECT: Oyster Creek Nuclear Generating Station Docket No. 50-219 Monthly Operating Report - December, 1996

In accordance with the Oyster Creek Nuclear Generating Station Operating License No. DPR-16, Appendix A, Section 6.9.1, 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 Ms. Brenda DeMerchant, Oyster Creek Regulatory Affairs Engineer, at 609-971-4642.

Very truly yours,

Michael B. Roche Vice President & Director Oyster Creek

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Enclosures

cc: Administrator, Region I (2 copies) NRC Project Manager NRC Resident Inspector

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## SUMMARY DECEMBER, 1996

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During the month, the plant generated 476,495 MWh net electric which was 103.5% of its MDC rated capacity.

### MONTHLY OPERATING REPORT

### Licensee Event Reports - December, 1996

#### LER 96-012 was filed December 11, 1996

On November 12, 1996, it was discovered that a condition outside the seismically qualified design bases existed for the 4160 vac switchgear buses 1C and 1D due to having the EC and ED Tie circuit breakers racked out and resting on the floor inside the cubicle. This condition has been present throughout the plant's operating history. The cause of this condition is previous seismic qualification walkdowns failed to identify this problem.

The safety significance of this condition is minimal since approved plant operating procedures are in place to mitigate the consequences of a station blackout combined with the low probability of a seismic event.

Corrective actions include removing the tie breakers from the switchgear cubicle, procedural changes to ensure the 4160 vac circuit breakers were not left racked out in the switchgear, and evaluation of methods for securing the circuit breaker in the cubicle.

### LER 96-013 was filed December 12, 1996

On November 13, 1996, it was discovered that mounting bolts were missing from a seismic restraint frame around Motor Control Center (MCC) DC-2. The MCC was declared inoperable and a Technical Specification LCO was entered. The four missing bolts were reinstalled and the MCC subsequently declared operable.

This condition was caused by personnel error. The seismic restraint was disassembled to support recent modification work. A final MCC walkdown at the completion of the work overlooked the bolts not being installed.

The safety significance of this occurrence is minimal since the equipment powered by this MCC is not relied upon to prevent or mitigate the consequences of an accident.

Required Reading will be issued and job orders provided with specific instructions to prevent recurrence.

## Oyster Creek Station #1 Docket No. 50-219

## Refueling Information - December, 1996

Name of Facility:	Oyster Creek Station #1
Scheduled date for next refueling shutdown:	September 1998
Scheduled date for restart following refueling:	October 1998
Will refueling or resumption of operation thereafter rec	quire a

Technical Specification change or other license amendment?

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 and performance analysis methods have been approved by the NRC.

The Number of fuel assemblies:

(a)	in the core	-	560
(b)	in the spent fuel storage pool	=	2236
(c)	in the new fuel storage vault	=	8

No

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: 2645

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

Full core discharge capacity to the spent fuel pool was lost after the 1996 refueling outage.

# AVERAGE DAILY POWER LEVEL NET MWe

DOCKET # .		4						50-219	
UNIT	÷.							. Oyster Creek #1	
REPORT DAT	E							1/5/97	
COMPILED B	Υ.					 .,		John D. Doughe	r
TELEPHONE	#.							(609) 971-2130	

## Month: December, 1996

DAY	MW	DAY	MW
1	641	16	639
2	640	17	640
3	640	18	638
4	640	19	640
5	639	20	642
6	642	21	641
7	640	22	642
8	641	23	636
9	642	24	642
10	639	25	642
11	640	26	639
12	638	27	645
13	638	28	643
14	639	29	641
15	640	30	642
		31	644

## OPERATING DATA REPORT

## **OPERATING STATUS**

1.	Docket:	50-219			
2.	Reporting Period:	December, 1996			
3.	Utility Contact	John G. Dougher (609)-971-2130			
4.	Licensed Thermal Power (MWt):	1930			
5.	Nameplate Rating (Gross MWe):	$687.5 \ge 0.8 = 550$			
6.	Design Electrical Rating (Net MWe)	650			
7.	Maximum Dependable Capacity (Gros	641			
8.	Maximum Dependable Capacity (Net )	MWe):	619		
9.	If Changes Occur Above Since Last R	eport, Give Reasons:	None		
10.	Power Level to Which Restricted, If A	Any (Net MWe):	None		
11.	Reason For Restriction, If Any:		None		
		Month	Year	Cumulative	
12.	Report Period Hours	744.0	8784.0	236904.0	
13.	Hours RX Critical	744.0	7255.9	161588.8	
14.	RX Reserve Shutdown Hours	0.0	0.0	918.2	
15.	Hours Generator On-Line	744.0	7107.1	157917.8	
16.	UT Reserve Shutdown Hours	0.0	0.0	0.0	
17.	Gross Thermal Energy (MWH)	1433830	13394587	273914081	
18.	Gross Electric Energy (MWH)	493981	4511692	91929267	
19.	Net Electric Energy (MWH)	476495	4339401	88208566	
20.	UT Service Factor	100.0	80.9	66.7	
21.	UT Available Factor	100.0	80.9	66.7	
22.	UT Capacity Factor (MDC Net)	103.5	79.8	60.7	
23.	UT Capacity Factor (DER Net)	98.5	76.0	57.3	
24.	UT Forced Outage Rate	0.0	7.8	9.8	
25.	Forced Outage Hours	0.0	599.2	17137.4	
26.	Shutdowns Scheduled Over Next 6 Mo	onths (Type, Date, Du	ration) None		
27.	Currently Shutdown, Estimated Startu	p Date:	N/A		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-219 UNIT NAME: Oyster Creek DATE: January 9, 1997 COMPLT'D BY: David M. Egan TELEPHONE: 609/971-4818

REPORT MONTH: December 1996

No.	DATE	TYPE F: Forced S: Scheduled	DURATION (hours)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
						There were no shutdown or significant power reductions during this reporting period.

SUMMARY:

### (1) REASON

## (2) METHOD

- a. Equipment Failure (Explain)
- b. Maintenance or Test
- c. Refueling
- d. Regulatory Restriction
- g. Operational Error (Explain)

e. Operator Training & Lic Exam

h. Other (Explain)

f. Administrative

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