1985

ANNUAL ENVIRONMENTAL

OPERATING REPORT

OYSTER CREEK NUCLEAR
GENERATING STATION

Prepared For the
Oyster Creek Environmental Technical Specifications
Appendix B to License No. DPR-16
Docket No. 50-219

by

GPU NUCLEAR CORPORATION

MARCH 1986

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1.0 Introduction

This document is the Oyster Creek Nuclear Generating Station (OCNGS) Annual Environmental Operating Report (AEOR) for 1985. It is submitted in accordance with Section 4.5.1 of the Oyster Creek Environmental Technical Specifications (OCETS).

The OCNGS is a single cycle, forced circulation, boiling water reactor of 620 MWe maximum (summer) dependable net capability, owned by Jersey Central Power & Light Company and operated by GPU Nuclear Corporation. The OCNGS is located in Lacey Township, Ocean County, New Jersey. The plant is subject to Provisional Operating License No. DPR-16 pursuant to Docket No. 50-219. The date of initial reactor criticality was May 3, 1969 and the commercial generation of power began on December 23, 1969.

This AEOR covers the period from January 1, 1985 through December 31, 1985. The report is organized such that Sections 2.0 and 3.0 correspond to those same sections in the OCETS. However, due to differences in the required reporting dates of various studies conducted in accordance with the OCETS, reports of those studies have been or will be submitted under separate cover and will not be duplicated in this report. In each of these instances, a confirmation of the filing of the required reports is provided in the appropriate section of the AEOR. All data which are otherwise required to be presented in the AEOR are included in this report.

2.0 Environmental Monitoring

This Section of the AEOR outlines the various environmental monitoring programs to be conducted under Section 2.0 of the OCETS, and provides the status of submission of reports on these various programs. The reporting requirements of the studies required in Section 2.0 do not coincide with the required due date of the AEOR.

Meteorological data are contained in the Semi-Annual Effluent Release Reports which were submitted on August 30, 1985 with addendum dated November 4, 1985 covering the first six (6) calendar months of 1985 and on March 1, 1986 covering the last six (6) calendar months of 1985. These data are therefore incorporated by reference into this AEOR and are not duplicated here.

2.1 Biotic - Aquatic

Section 2.1.1 of OCETS specifies the following studies:

a) Impingement of Organisms

1. Conventional Traveling Screens
2. Fish Return System

b) Fish Kill Monitoring Program

In addition to the above noted studies performed in accordance with OCETS Section 2, studies requested by USEPA and NJDEP were performed during the 1985 report period in support of the OCNGS Section 316 (a & b) Demonstration. As noted in our July 6, 1984 letter, the OCETS Section 2 and additional Section 316 Demonstration studies would be coordinated. Since the additional Section 316 study schedule is somewhat different than the OCETS Section 2 study schedule, the estimated submission date for all data will be the end of May, 1986 for the 1985 report period rather than March, 1986 as would normally be required by OCETS Section 2.

There were no reportable fish kills during the report period so a separate Fish Kill Monitoring Program report will not be filed for the report period. Any supplemental information regarding the Fish Kill Monitoring Program will be included in the above noted May, 1986 report.

3.0 Special Monitoring and Study Activities

This Section of the AEOR presents the results of the two special monitoring and study activities required by Section 3 of the OCETS.

3.1 Woodborer Monitoring Program

This program has reporting requirements which are different from the other OCETS programs. During the reporting period the following submittals were made:

a) The 39th Quarter Report covering the period from November 1, 1984 to January 31, 1985 was submitted on March 14, 1985.

b) The 40th Quarter Report covering the period from February 1, 1985 to April 30, 1985 was submitted on June 18, 1985.

c) The 41st Quarter Report covering the period from May 1, 1985 to July 31, 1985 was submitted on September 27, 1985.

d) The 42nd Quarter Report covering the period from August 1, 1985 to October 31, 1985 was submitted on December 10, 1985.

In addition, as per the OCETS, an annual report for the Woodborer Monitoring Program will be submitted by the end of May 1986. Therefore, no results of this program are presented herein.

3.2 Unusual or Important Environmental Events

There were no occurrences of unusual or important environmental events during this reporting period.

4.0 Additional Information

This Section of the AEOR reports any additional information that is required by Section 4.5.1 of the OCETS:

a) All OCETS non-compliances and the corrective action taken to remedy them.
b) Changes made to State and Federal permits and certificates which pertain to the requirements of OCETS.
c) Changes in station design which could involve an environmental impact.
d) Changes to the OCETS.

4.1 Summary of OCETS Non-Compliances

There were no Non-routine Environmental Operating Reports filed with the NRC during this reporting period.

However, included as Attachment I are copies of non-compliance reports submitted to the New Jersey Department of Environmental Protection during this reporting period for non-compliances with NJPDES Permit No. NJ 0005550. These permit non-compliances were minor in nature and did not result in a significant impact to public health or the environment.

4.2 Summary of Changes Made to Federal and State Permits And Certificates Which Pertain to the Requirements of OCETS

There were no changes to Federal or State permits and certificates which impacted on the OCETS during the reporting period.

However, on October 8, 1985 the New Jersey Department of Environmental Protection (NJDEP) issued an amendment to OCNGS NJPDES Permit No. 0005550 to include a discharge to groundwater from the hardcoal filter backwash infiltration pit. The amendment was effective January 1, 1986.

4.3 Summary of Changes in Station Design Which Could Involve an Environmental Impact

a) A stainless steel intake test screen was installed in 1985 to test whether intake screens should be replaced with new stainless steel screens to reduce screen maintenance downtime. Test results indicated that screen replacement would reduce screen maintenance downtime and screen replacement for all intake screens is planned. This modification when completed should have a positive environmental impact.

4.4 Summary of Changes to the OCETS

Amendment No. 83 dated May 30, 1985 to the OCETS authorized changes to marine woodborer exposure panels sites No. 8, 9 and 16. These changes were requested due to tampering and vandalism of the exposure panels in their locations prior to Amendment No. 83. Exposure panel locations appear on Table 3-1 pages 3-5 and 3-6 of the OCETS.

Relocation of exposure panels were as follows:

a) Site No. 8: Relocated from R.R. Bridge Crossmember - Oyster Creek R.R. Bridge - Discharge Canal to Bulkhead - 1500 ft. East of Oyster Creek R.R. Bridge-Discharge Canal.

b) Site No. 9: Structure to be used for suspension rack changed from R.R. Bridge Crossmember to Metal Pier.

c) Site No. 16: Relocated from Berkely Yacht Basin, J. Street, Seaside Park, N.J. to Bayside Boats, State Highway #35 and Bay Boulevard, Seaside Park, N.J.

ATTACHMENT I

NON-COMPLIANCE REPORTS FOR NJPDES

PERMIT NO. NJ 0005550 FOR THE PERIOD

JANUARY 1, 1985 THROUGH DECEMBER 31, 1985

Initial Telephone
Report Date: February 6, 1985

Date of
Occurrence: January 21, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/01

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(1)b, page 4 of the permit.

CAUSE OF NONCOMPLIANCE:

The circulating water discharge-intake temperature difference exceeded 23.0°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

As a result of severe icing and low water level at the intake structure, the volume of condenser cooling water being taken in was reduced. This condition, even with all circulating water pumps in operation, caused the 23°F delta temperature limit to be exceeded from 0845 to 1030 hours, 1145 to 1245 hours, and 1315 to 2245 hours. The maximum delta temperature recorded was 24.3°F.

DURATION OF NONCOMPLIANCE:

Total time 12 hours 15 minutes.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

Upon identification of the noncompliance, station personnel worked throughout the day to try and clear the ice from the intake structure in an effort to prevent restriction of circulating water flow in order to bring the delta temperature within the permit limit.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

N/A. As recognized by condition 15(3) of the permit circumstance beyond the control of the permittee may arise in which effluent limitations are exceeded as was the case with the severe icing and low water level at the intake structure.

Date: February 7, 1985

Initial Telephone
Report Date: February 5, 1985

Date of
Occurrence: January 22, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/02

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(6)b, page 6 of the permit.

CAUSE OF NONCOMPLIANCE:

The discharge-intake temperature difference of the cooling water of the Augmented Offgas (AOG)-New Radwaste (NRW) System exceeded the permit limit of 27°F. The temperature was 30.1°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

As a result of the heat load from the New Radwaste System, coupled with the availability of only one heat exchanger and one evaporator for operation, and with one heat exchanger out of service for maintenance conditions beyond the permittee's control prevailed; the delta temperature limiting condition was exceeded.

DURATION OF NONCOMPLIANCE:

The duration of the incident could not be determined.

CORRECTIVE ACTION:

As stated in our March 1, 1984 letter, the major heat load on the AOG-NRW discharge is the New Radwaste System; and that there will be instances in which compliance with the 27°F delta temperature would not be attainable. Consequently, the station will operate the AOG-NRW System as efficiently as possible without causing damage to any of the system components.

Date: February 7, 1985

Initial Telephone
Report Date: January 28, 1985

Date of
Occurrence: January 25, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/03

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 1, page 2 of the permit.

CAUSE OF NONCOMPLIANCE:

The discharge of any pollutant not authorized by the permit constitutes a violation of the terms and conditions of the permit.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

During a sampling procedure it was determined that the level of the Turbine Building Closed Cooling Water Chemical Addition Tank was too high which would not allow the addition of new material to the tank. Consequently, fifteen (15) gallons of diluted Drewgard 4109 (Sodium borate) with a concentration of 176 ppm was inadvertently discharged to the discharge canal, instead of being pumped into the Turbine Building Closed Cooling Water System or to Radwaste per the norm. In this instance, drainage from the Chemical Addition Tank was emptied into the 1-5 sump which drains into the 30" header with the terminus of its discharge into the discharge canal.

DURATION OF NONCOMPLIANCE:

Unknown, however less than 24 hours.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

The discharge occurred before corrective action could be taken.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

Valve V-29-1, which controls the drainage flow from the Chemical Addition Tank to the 1-5 sump, has been tagged to restrict use of the valve and cannot be operated without management authorization to do so.

Date: February 7, 1985

Initial Telephone
Report Date: May 2, 1985

Date of
Occurrence: April, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/04

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 12(b)(1), page 11 of the permit.

CAUSE OF NONCOMPLIANCE:

Failure to take a sample of the total suspended solids of the demineralizer wastes during April.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

The Operations Department was conducting a regeneration of the make-up demineralizer, notification was not made to the Chemistry Department in order to have a Total Suspended Solids sample taken.

DURATION OF NONCOMPLIANCE:

Unknown.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

N/A

CORRECTIVE ACTION TO PREVENT RECURRENCE:

Past experence indicates that this was a one time break down in communications between the Operations and Chemistry Departments. Requirement for notifying the Chemistry Department prior to start of regeneration will be conspicuously posted as a reference for Operations personnel.

Date: May 6, 1985

Initial Telephone
Report Date: May 10, 1985

Date of
Occurrence: May 1, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/05

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9(b)(1)b, of the permit.

CAUSE OF NONCOMPLIANCE:

The discharge-intake temperature difference of condenser cooling water exceeded 33°F during a period when one or more circulating water pumps were not in operation.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

Circulating Water Pump 1-3 was removed from service for maintenance at 0636 hours. Circulating Water Pump 1-4 tripped and the discharge-intake temperature difference increased peaking at 33.8°F at 1730 hours. Circulating Water Pump 1-4 was returned to service at 1828 hours.

DURATION OF NONCOMPLIANCE:

1730 hours May 1, 1985 to 0451 hours May 2, 1985.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

Plant personnel had initiated load reduction prior to exceeding the discharge-intake temperature difference in an effort to maintain the delta temperature within the permit limits. Additionally, Dilution Pump 1-3 was placed into service at 1726 hours.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

This event occurred during plant maintenance of one of the Circulating Water Pumps. Appropriate action is continued operation with maximum number of available Circulating Water Pumps to mitigate the effects of heat addition.

Date: June 7, 1985

Initial Telephone
Report Date: June 27, 1985

Date of
Occurrence: June 27, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/06

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(3), of the permit.

CAUSE OF NONCOMPLIANCE:

Screen 1-1 at the intake structure is out of service for maintenance and port 1-1 is closed. As a result, the average intake velocity was exceeded.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

With only five screens and five ports in service at the intake structure, the condenser cooling water flow is obtained through a smaller area, thereby increasing the intake velocity over the normal operating regime of six screens - six ports. The average intake velocity of 1.0 fps was exceeded at ports 2 and 3 with measured velocities of 1.06 fps and 1.30 fps respectively.

DURATION OF NONCOMPLIANCE:

The noncompliance was not identified until the data were collected and analyzed.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

The intake screen at port one will be repaired and returned to service as soon as possible.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

N.A. Periodic screen maintenance must be conducted as recognized by condition 15(3) of the permit.

Date: July 8, 1985

Initial Telephone
Report Date: July 15, 1985

Date of
Occurrence: July 15, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/07

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(1)a, page 4 of the permit.

CAUSE OF NONCOMPLIANCE:

The condenser discharge temperature exceeded the permit limit of 106.0°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

As a result of high intake temperatures the condenser discharge temperture exceeded the permit limit of 106.0°F, attaining a maximum temperature of 106.8°F.

DURATION OF NONCOMPLIANCE:

45 minutes

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

The station reduced power in order to lower the condenser discharge temperature below 106.0°F.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

N/A.

Date: August 7, 1985

Initial Telephone
Report Date: July 19, 1985

Date of
Occurrence: July 19, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/08

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(6), page 6 of the permit.

CAUSE OF NONCOMPLIANCE:

The discharge temperature, MBTU, and discharge intake temperature of the Augmented Offgas-New Radwaste discharge exceeded the permit limits.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

As a result of inadequate service water flow and coupled with the fact that only one heat exchanger was in service the aforementioned parameters exceeded the permit limits. Subsequent investigation determined that both the service water pumps and heat exchangers were found to contain biofouling, thereby reducing their efficiency.

DURATION OF NONCOMPLIANCE:

Less than 24 hours.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE;

An attempt was made to place a second heat exchanger into service, but were unsuccessful consequently load to the system was reduced to bring the noncomplying parameters back into compliance.

CORRECTIVE ACTION:

Chlorination of the system to control the growtn of biofouling organisms.

Date: August 7, 1985

Initial Telephone
Report Date: October 3, 1985

Date of
Occurrence: September 24,1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/09

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(3), of the permit.

CAUSE OF NONCOMPLIANCE:

Screen 1-4 at the intake structure is out of service for maintenance and port 1-4 is closed. Consequently, the average intake velocity permit limit of 1.0 fps was exceeded.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

With only five screens and five ports in service at the intake structure, the condenser cooling water flow is obtained through a smaller area, thereby, increasing the intake velocity over the normal operating regime of six screens - six ports. The average intake velocity of 1.0 fps was exceeded at ports 1, 2, and 3 with measured velocities of 1.21 fps, 1.18 fps, and 1.04 fps respectively.

DURATION OF NONCOMPLIANCE:

The duration of the noncompliance is unknown. The noncompliance was identified while taking the montnly velocity measurement.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

The intake screen at port four will be repaired and returned to service as soon as possible.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

N/A. Periodic screen maintenance must be conducted as recognized by condition 15(3) of the permit.

Date: October 7, 1985

Initial Telephone
Report Date: October 16, 1985

Date of
Occurrence: October 16, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/10

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(3), of the permit.

CAUSE OF NONCOMPLIANCE:

Screen 1-4 at the intake structure is out of service for maintenance and port 1-4 is closed. Consequently, the average intake velocity permit limit of 1.0 fps was exceeded.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

With only five screens and five ports in service at the intake structure, the condenser cooling water flow is obtained through a smaller area, thereby, increasing the intake velocity over the normal operating regime of six screens - six ports. The average intake velocity of 1.0 fps was exceeded at ports 3, 5, and 6 with measured velocities of 1.07 fps, 1.37 fps, and 1.29 fps respectively.

DURATION OF NONCOMPLIANCE:

The duration of the noncompliance is unknown. The noncompliance was identified while taking the monthly velocity measurement.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

The intake screen at port four will be repaired and returned to service as soon as possible.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

N/A. Periodic screen maintenance must be conducted as recognized by condition 15(3) of the permit.

Date: November 7, 1985

Initial Telephone
Report Date: November 26, 1985

Date of
Occurrence: November 26, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/11

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(3), of the permit.

CAUSE OF NONCOMPLIANCE:

Screen 1-4 at the intake structure is out of service, and port 1-4 is closed. As a result, the average intake velocity limit of 1.0 fps was exceeded.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

With only five screens and five ports in service at the intake structure, the condenser cooling water flow is obtained through a smaller area, thereby increasing the intake velocity over the normal operating regime of six screens - six ports. The average intake velocity limit of 1.0 fps was exceeded at ports 1 (1.32 fps) and 2 (1.38 fps).

DURATION OF NONCOMPLIANCE:

Unknown. Noncompliance was identified during routine monthly NJPDES sampling.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE;

Intake screen 1-4 will be returned to service as soon as possible following completion of maintenance.

CORRECTIVE ACTION:

N.A. Periodic screen maintenance must be conducted as recognized by condition 15(3) of the permit.

Date: December 9, 1985

Initial Telephone
Report Date: December 19, 1985

Date of
Occurrence: December 15, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/12

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(2) of the permit.

CAUSE OF NONCOMPLIANCE:

Failure to have two (2) dilution pumps operating for more than a 15-minute period when the ambient water temperature in Barnegat Bay was less than 60.0°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

At 0247 hours on December 15, 1985, dilution pump 2 tripped, leaving only dilution pump 1 in service. Dilution pump 1 tripped at 0254 hours but was returned to service at 0257 hours. Dilution pump 2 was returned to service at 0548 hours.

DURATION OF NONCOMPLIANCE:

Two hours and forty-six minutes (0312 - 0548 hours)

CORRECTIVE ACTION TO REDUCE NON-COMPLYING DISCHARGE:

The sequence of dilution pump activity was related to electrical problems in the system. The electrical problems were corrected and the pumps returned to service.

Date: January 9, 1986

Initial Telephone
Report Date: January 3, 1986

Date of
Occurrence: December 26, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/13

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(6), of the permit.

CAUSE OF NONCOMPLIANCE:

The discharge-intake temperature difference of the cooling water of the Augmented Offgas-New Radwaste System exceeded the permit limit of 27°F. The temperature difference was 31.3°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

There was an overload of heat in the New Radwaste System which caused the noncompliance.

DURATION OF NONCOMPLIANCE:

Unknown.

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE;

No corrective action taken because the noncompliance was not identified until the data were collected and analyzed.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

Use of two heat exchangers and maximum cooling water flow to minimize the delta T. Additionally, the inability of the Augmented Offgas-New Radwaste System to meet the permit limit on various occasions in the past has been discussed with the Department and it is the permittee's understanding that this will be addressed in the reissuance of the permittee's NJPDES DSW Permit which is still pending with the Department. Also, taking into consideration the volume of the discharge in comparison with its combination with the intake flows of 460,000 gpm, this discharge becomes insignificant. The system, as in the past, will be operated in an effort to maintain compliance with the permit and in a manner that will not cause damage to the equipment.

Date: January 9, 1986

Initial Telephone
Report Date: January 3, 1986

Date of
Occurrence: December 29, 1985

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5550
REPORT NUMBER 000 5550/85/14

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(2), of the permit.

CAUSE OF NONCOMPLIANCE:

Failure to have two dilution pumps operating for more than a 15-minute period when the ambient water temperature in Barnegat Bay was less than 60.0°F.

DESCRIPTION OF NONCOMPLYING DISCHARGE:

At 1742 hours on December 29, 1985, dilution pump 1 was removed from service because of a low oil level. The back-up pump (dilution pump 3) had an oil leak and could not be started. Oil was added to dilution pump 1, and it was returned to service.

DURATION OF NONCOMPLIANCE:

One minute (1757 - 1758 hours)

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE;

Dilution pump 1 was returned to service as quickly as possible after adding oil.

Date: January 9, 1986

Nuclear

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Writer's Direct Dial Number:

April 1, 1986

Dr. Thomas E. Murley
Regional Administrator
Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Gentlemen:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Environmental Technical Specifications
Annual Environmental Operating Report

Enclosed are two copies of the 1985 Annual Environmental Operating Report (AEOR) for the Oyster Creek Nuclear Generating Station. The AEOR is submitted in accordance with Section 4.5.1 of the Oyster Creek Environmental Technical Specifications (OCETS), Appendix B to License No. DPR-16.

Should you have any questions regarding this submittal, please contact Mr. Ronald K. Lacey of our Licensing & Regulatory Affairs Staff at (201) 299-2271.

Very truly yours,

P. B. Fiedler
Vice President/Director
Oyster Creek

RCW:dls:0351f
Enclosures

cc: Director (17 Copies)
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United States Nuclear Regulatory Commission
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c/o Distribution Services Branch, DDC, ADM

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