



GPU Nuclear Corporation
 Post Office Box 388
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 Forked River, New Jersey 08731-0388
 609 971-4000
 Writer's Direct Dial Number:

November 7, 1984


Mr. John Gaston, Director
 Division of Water Resources
 NJ Department of Environmental Protection
 P.O. Box CN-029
 Trenton, New Jersey 08625

Dear Mr. Gaston:

Subject: GPUN Nuclear Corporation
 NJPDES Permit No. NJ 000 5550
 Noncompliance Report No. 000 5550/84/04

Attached is a report indicating a noncompliance with item 9b(3) of the subject permit for the Oyster Creek Nuclear Generating Station.

Very truly yours,


 Peter B. Fiedler
 Vice President and Director
 Oyster Creek

PBF/dam
 Attachment

cc: Dr. Richard A. Baker, Chief
 Permits Administration Branch
 Planning and Management Division
 U.S. EPA
 Region II
 26 Federal Plaza
 New York, NY 10278

NJ Bureau of Radiation Protection
 Attention: Chief
 Division of Environmental Quality
 United Sierra Bldg.
 380 Scotch Road
 West Trenton, NJ 08625

Regional Administrator, Region I
 US NRC
 631 Park Avenue
 King of Prussia, PA 19406

Director
 Office of Nuclear Reactor Regulations
 U.S. Nuclear Regulatory Commission
 Washington, DC 20555
 c/o Distribution Srv. Branch, DDC, ADM

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Date of
Occurrence: September 1984

REPORT OF NONCOMPLIANCE WITH CONDITIONS OF NJPDES

PERMIT NO. NJ 000 5560
REPORT NUMBER 000 5550/84/04

IDENTIFICATION OF OCCURRENCE:

Noncompliance with item 9b(3), page 5 of 20.

CAUSE OF NONCOMPLIANCE:

Failure to take a velocity measurement (tide gauge reading).

DESCRIPTION OF NONCOMPLYING DISCHARGE:

From the period of September 15th to the 30th, four circulating water pumps were operating continuously even though the plant was in an outage. The permit requires a velocity measurement whenever three or more pumps are operating. Routinely, a velocity estimate is determined by reading a tide gauge located on the station's intake structure and applying this reading to the intake velocity tables as specified in the permit. The reading, however, was not taken during the 15 days of pump operation, consequently a noncompliance exists for having missed the tide gauge reading.

Although the measurement was not taken a conservative estimate of intake velocity can still be determined based on the operating regime at the time of four pumps and six ports, and in addition a conservative estimate of a water height of 20 feet. The 20 feet level is conservative, as this level has been reached only once since 1976. It is highly improbable that the intake velocity limitation could have been exceeded without having an unusually high water level of 21' or greater. Consequently the actual intake velocity was not exceeded.

DURATION OF NONCOMPLIANCE:

Fifteen days

CORRECTIVE ACTION TO REDUCE THE NONCOMPLYING DISCHARGE:

N/A

CORRECTIVE ACTION TO PREVENT RECURRENCE:

As indicated, the standard format for determining the intake velocity is to take a tide gauge reading, determine pump operational status and apply this to the predictive tables. To ensure that the required measurement is taken procedure 9410.SUR 4512.07 will be revised to include the specific method for determining the velocity and under what conditions. Additionally, a memorandum of agreement has been initiated between the Operations Department and the Environmental Controls Department, in which the Operations Department will advise the Environmental Controls Department of the circulating water pump operational status in order to make an assessment as to when to take a velocity measurement that is representative of the normal operating regime of the intake structure.