

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.

8502270589 850219  
PDR ADOCK 05000219  
S PDR

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