



Nuclear Group
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January 21, 1993

United States Environmental Protection Agency
Region III, Pennsylvania (3WM53)
Water Permits Branch
Water Management Division
841 Chestnut Street
Philadelphia, PA 19107

EPA Permit No. PA0025615 Reportable Occurrence

Dear Sir:

As required by the EPA Permit No. PA0025615, the following information is provided in regard to a reportable occurrence at Beaver Valley Power Station.

Discharge 101, the Chemical Waste Sump, exceeded the daily maximum specification of 100.00 mg/l total suspended solids (TSS) on December 30, 1992 when the sample measured 216.80 mg/l. This sample also affected the monthly TSS average which at 49.12 mg/l exceeded the monthly average specification of 30.00 mg/l.

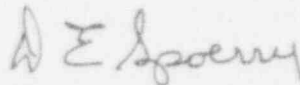
The source of the elevated TSS was traced to a container of laboratory glassware soap of which about 1 gallon leaked into a chemistry lab sink. The soap dissolved in the sump but left a soap film on the TSS filter paper resulting in a high TSS value. No other solids were observed in the sample or on the filter paper. This condition affected only one discharge which lasted 17.8 minutes for a total volume of 3560 gallons. The following discharge on 12/31/92, which was primarily water from the softener, was only 7.78 mg/l TSS and no further occurrences have been experienced to date.

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Since the discharge was limited in volume and the soap (Cole Palmer, Micro Cleaning Solution) which caused the elevated TSS is nonhazardous, phosphate free and completely biodegradable, then no environmental impact or harm is suspected. All other monitoring parameters were in specification throughout the period.

If you have any questions concerning this report, please do not hesitate to contact Andrew Dulick.

Sincerely,

A handwritten signature in dark ink, appearing to read "D E Spoerry". The signature is written in a cursive, somewhat stylized font.

Dale E. Spoerry
Division Vice President
Nuclear Operations

DNH/trs

Attachment