



Nuclear Group  
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August 23, 1991

United States Environmental Protection Agency  
Region III, Pennsylvania Section (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, Unit One Chemical Waste Sump, exceeded the daily maximum specification of 100.00 mg/l Total Suspended Solids (TSS) on July 3, 1991 when the daily maximum was 112.80 mg/l. This high value also caused the monthly average TSS value of 53.52 to exceed the monthly average TSS Specification of 30.00 mg/l.

The July 3 sample was collected directly following a regeneration of the cation demineralizer and was abnormally high in precipitated iron. A follow-up sample was collected on July 5, with a TSS value of 23.30 mg/l. Although operation of the sump continued through the month without further occurrence, plant maintenance is inspecting regenerant hold tanks for excessive corrosion which may be contributing to the suspended solids.

Since this event was limited to a single batch discharge (17,000 gallons) of the Chemical Waste Sump, then no significant environmental harm or impact is expected.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read "T. P. Noonan", with a stylized flourish at the end.

T. P. Noonan  
General Manager

DNH/ijj