



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215/770-5151

September 3, 1985

Mr. Paul Koval
Chief, Operations Section
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
P.O. Box 659
90 East Union Street, Second Floor
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION
DISCHARGE MONITORING REPORT
NPDES PERMIT NO PA 0047325 JULY 1985
CCN 741326 FILE 012-4
PLE-7537

50-387
50-388

Dear Mr. Koval:

Enclosed is a copy of the July 1985 Discharge Monitoring Report for Permit No. PA 0047325. The following information details data and/or noncompliances for some of the permitted outfalls:

-- Outfall 070: S-2 Pond

The daily maximum limit for oil and grease (20 mg/l max) was exceeded when 22.9 mg/l was detected in one sample. A resample indicated a concentration of only 1.52 mg/l. The source is attributed to oil run-off from a paved parking area drained by a small stream that feeds into S-2 Pond.

-- Outfall 072: S&A Building Sump

There was only one discharge in July, with an oil and grease excursion of 39 mg/l. The NPDES permit limit is 20 mg/l, daily maximum. A new revision for the NPDES discharge procedure is being prepared. This will include a station discharge release permit for batch sump discharges to assure the waste is within expected specifications before the discharge is made. This should reduce noncompliance of this type in the future.

-- Outfall 079: Sewage Treatment Plant

On four days in July, the pH was below the minimum pH limit of 6. This was attributed to the extended aeration mode of operation. See Note 1 on DMR-079 page 2 of 2 for the specific values.

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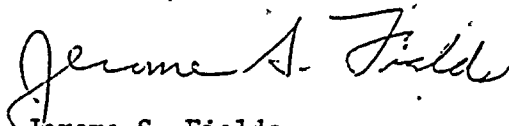
-- Outfall 271: Waste Filter Bypass

The daily maximum total suspended solid limit of 100 mg/l was exceeded in July. A discharge of 484 mg/l of total suspended solids was discharged. Work continues on finding a possible replacement for the existing waste filter.

The DMR forms were prepared on a computer by PP&L.

If you have any questions, please call me at (215) 770-7889.

Respectfully yours,



Jerome S. Fields
Senior Environmental Scientist - Nuclear

JSF/msh

Enclosure

cc: EPA, Region II
A. Schwencer - NRC