

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8604070472 DOC. DATE: 86/03/31 NOTARIZED: NO DOCKET #
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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 FIELDS, J. S. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 LEHMAN, S. Pennsylvania, Commonwealth of

SUBJECT: Informs that reactivator waste stream began discharging to sewage treatment plant (STP) on 860321. Will continue for 2-month trial period provided STP operation not degraded. Monthly status rept of STP operation will be provided.

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Pennsylvania Power & Light Company

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

March 31, 1986

Mr. Stanley Lehman
Water Quality Specialist Supervisor
Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, Second Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
WATER TREATMENT DISCHARGE OUTFALL 271
NPDES PERMIT NO. PA-0047325
CCN 741326 FILE R9-8A
PLE-8178

Dear Mr. Lehman:

As we discussed during our March 19, 1986 telephone conversation the Pennsylvania Power and Light Co. (PP&L) planned on discharging the water treatment (reactivator/clarifier) waste stream to the sewage treatment plant (STP) at the Susquehanna SES. On March 21, 1986 this reactivator waste stream began discharging to the STP. This is one of several options being considered by PP&L. Letter PLE-8146, dated March 19, 1986 was submitted to Mr. Henry G. Hodick, Water Quality Compliance Specialist, listing these options. The reactivator waste stream will be discharged to the STP for a trial period of two months providing that there is no degradation to STP operation.

Since receiving the present NPDES permit in January 1985, the reactivator discharge containing high total suspended solids has bypassed a permanent filter bed unit (Outfall 471) because of operational difficulties and discharged directly to the circulating water system (Outfall 271). Since the filter was bypassed, the permit limits of 30 mg/l, the monthly average and 100 mg/l, the daily maximum have been exceeded each month. In parallel with STP treatment, PP&L will test other options listed in PLE-8146 to determine which method will best treat the reactivator waste stream on a permanent basis. The final resolution of this problem may require a revision of the present NPDES permit.

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March 31, 1986

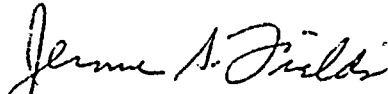
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PLE-8178
FILE R9-8A

PP&L will notify the Pa. DER with a monthly status report of STP operation as it relates to the addition of this new waste stream. If you have any questions please contact me at (215) 770-7889.

Respectfully yours,



Jerome S. Fields
Sr. Environmental Scientist-Nuclear

JSF/sml

jsfltc004763i

cc: D. Agustini Pa. DER
H. G. Hodick Pa. DER
E. Adensam NRC