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FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
AUTH. NAME AUTHOR AFFILIATION
FIELDS, J.S. Pennsylvania Power & Light Co. R
RECIP. NAME RECIPIENT AFFILIATION
CROWLEY, K. Pennsylvania, Commonwealth of I

SUBJECT: Forwards discharge monitoring rept for Apr 1993 &
Pennsylvania Dept of Environ Resources Monthly Facility D
Rept Form (01-112). On 930407, one non-compliance noted, when
ph level elevated to 9.10 standard units. S

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TITLE: Environmental Event Report (per Tech Specs)

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Pennsylvania Power & Light Company

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May 21, 1993

Ms. Kate Crowley
Water Quality Regional Manager
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, 2nd Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
DISCHARGE MONITORING REPORT - APRIL 1993
NPDES PERMIT NO. PA 0047325
CCN 741326 FILE R9-8A
PLE- 16851

Dear Ms. Crowley:

Pursuant to Part A, 3.b.(1) of NPDES Permit No. PA 0047325, enclosed is the Susquehanna Steam Electric Station discharge monitoring report for April 1993. Also enclosed is Pennsylvania Department of Environmental Resources' Monthly Facility Report Form (01-112).

There was one noncompliance in April. On April 7, 1993 the initial pH sample in the Cooling Tower Blowdown indicated 9.10 standard units. Immediate action was taken to identify and eliminate the source of the elevated pH. The Emergency Service Water Spray Pond was determined to be the source of elevated pH due to an algae bloom, and was isolated. The next three samples collected at approximately 1/2-hour intervals following isolation of the Spray Pond indicated 9.00, 8.95 and 8.85 respectively. Chemistry procedures have been revised in order to take corrective action for elevated pH in the Spray Pond before permit limits are exceeded in the future.

If you have any questions, please call me at (215)774-7889.

Respectfully yours,

Jerome S. Fields
Senior Environmental Scientist - Nuclear

jsf/ltk22940(26)

Enclosures

Copies to: EPA Region III
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NRC Region I
Mr. R. J. Clark, NRC Sr. Project Manager

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