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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.

RECIP. NAME RECIPIENT AFFILIATION

WILKES, J.J. Pennsylvania, Commonwealth of

SUBJECT: Forwards "NPDES Discharge Monitoring Rept for Oct 1992 for
Susquehanna Steam Electric Station." On 921006 & 21,
excursions exceeding daily max concentration limits
occurred.

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TITLE: Environmental Event Report (per Tech Specs)

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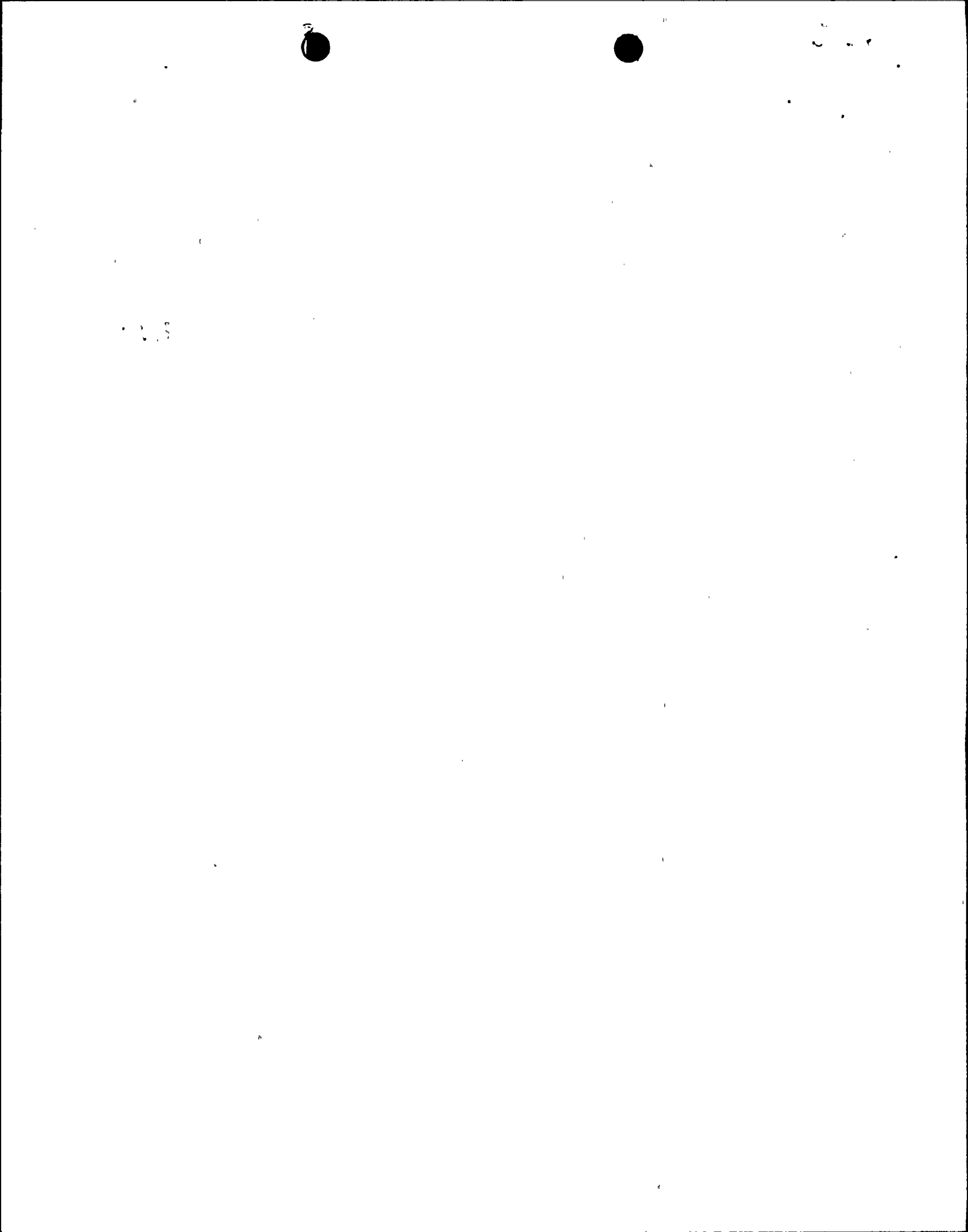
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Pennsylvania Power & Light Company

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November 24, 1992

Mr. John J. Wilkes, Jr.
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 - OCTOBER 1992
NPDES PERMIT NO. PA 0047325
CCN 741326 FILE R9-8A
PLE - 16332

Dear Mr. Wilkes:

Pursuant to Part A, 3.b.(1) of NPDES Permit No. PA 0047325, enclosed is the Susquehanna Steam Electric Station discharge monitoring report for October 1992. Also enclosed is Pennsylvania Department of Environmental Resources' Monthly Facility Report Form (01-112).

In October there were two excursions exceeding the daily maximum concentration limit of 100 mg/l, for total suspended solids (TSS) at Outfall 571, Circulating Water Pumphouse Sump. On October 6 and 21, the TSS discharge concentrations were 153.8 and 234.0 mg/l respectively. Because of these two excursions, the monthly coverage TSS concentration was 34.15 mg/l exceeding the permit limit of 30 mg/l.

Outfall 571 usually receives low volume wastestreams from equipment and floor drains in the Pumphouse. In October, during the Unit 2 outage, silt and sediment from the Cooling Tower Basin was washed into open Circulating Water System drains during heavy rainfalls causing these excursions. Discharge from Outfall 571 goes into the suction side of the Circulating Water System pumps. Since circulating water solids are being discharged into the Circulating Water System, the impacts of the October 6 and 21 discharges are negligible.

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

Respectfully yours,

Jerome S. Fields
Senior Environmental Scientist - Nuclear

JSF/vjs

Enclosures

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Copies to: EPA Region III
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NRC Region I
Mr. J. J. Raleigh, NRC Project Manager

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01-112

PA DEPARTMENT OF ENVIRONMENTAL RESOURCES

Month October 1992

MONTHLY FACILITY REPORT

Date Prepared 11/24/92

Facility Name Susquehanna Steam Electric Station PWS ID NO. 2400994
 Facility Address P.O. Box 467 Berwick, PA 18603 NPDES Permit No. PA 0047325
 Municipality Salem Township Incinerator Permit Number(s) N/A
 County Luzerne Telephone Number (215) 774-7889

Person Completing Form Jerome S. Fields

Signature *Jerome S. Fields* (Print Name)

Title Sr. Environmental Scientist

- 1. Total Hours Incinerator Operated N/A
- 2. Type of Fuel N/A
- 3. Total Fuel Usage N/A
- 4. Supplier of Fuel N/A
- 5. Estimated Amount of Sludge Incinerated N/A

- 6. Incinerator Ash Disposal N/A
- 7. Sludge Disposal Water Treatment
 - (a) How Much (Tons) 42.5
 - (b) Where *Republic Environmental
 - (c) When (Last Occurrence) 10/15/92
 - (d) Hauler Keystone Block
 - (e) Receipts: Yes No X

- 8. Other Wastes (Grits, Barscreening, etc.) Cooling Tower Sediment
 - (a) How Much (Tons) 166.44 tons (97.7 dry tons)
 - (b) Where Mountainview Landfill; Vale Summit, MD
 - (c) When (Last Occurrence) 10/8-15/92
 - (d) Hauler Felty Trucking
 - (e) Receipts: Yes No X
(Permit #9-01-04-08A)

*Republic Environmental Systems Hatfield, PA

9. Septic Tank Waste Accepted: Yes No

10. If yes:
 (a) Volume
 (b) Hauler(s) Percent (%) Hauled

11. Analysis Performed to ensure tank waste contains no industrial waste
 (a) Yes No
 (b) If yes, frequency

12. Additional Comments: 4,000 gallons of septic tank waste taken offsite and treated at the Shickshinny Sewer Authority (Permit #006-0135).