



Pennsylvania Power & Light Company

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

REQ FILE COPY

50-387

October 13, 1983

Ms. Patti Kay Whitcraft  
U.S. Environmental Protection Agency  
Water Supply (3WM43)  
Sixth and Walnut Streets  
Philadelphia, PA 19106

SUSQUEHANNA STEAM ELECTRIC STATION  
TURBIDITY NOTIFICATION  
ER 100450 FILE 012/CCN 773040  
PLE-3945

Dear Ms. Whitcraft:

This letter is a follow-up to our telephone conversation of October 5, 1983 concerning notification of violations of the drinking water turbidity limit of 1.5 Turbidity Units (TUs) at the Susquehanna SES (PWS No. 2400998). Beginning on September 18, 1983, the turbidity level ranged from 1.7 to 3.2 TUs. The National Interim Primary Drinking Water Regulations, 40CFR141.13, Maximum Contaminant Levels for Turbidity, states turbidity levels in drinking water with levels as high as 5 TUs are considered acceptable if it does not interfere with disinfection.

We found the free available chlorine level for this system to be above 0.2 mg/l and thus, indicating that disinfection is being maintained in the system. Therefore, this water supply meets safe drinking water requirements.

The September turbidity data will be sent to you under separate cover. If you have any questions please phone me at (215) 770-7899.

Respectfully yours,

Jerome S. Fields  
Senior Environmental Specialist-Nuclear

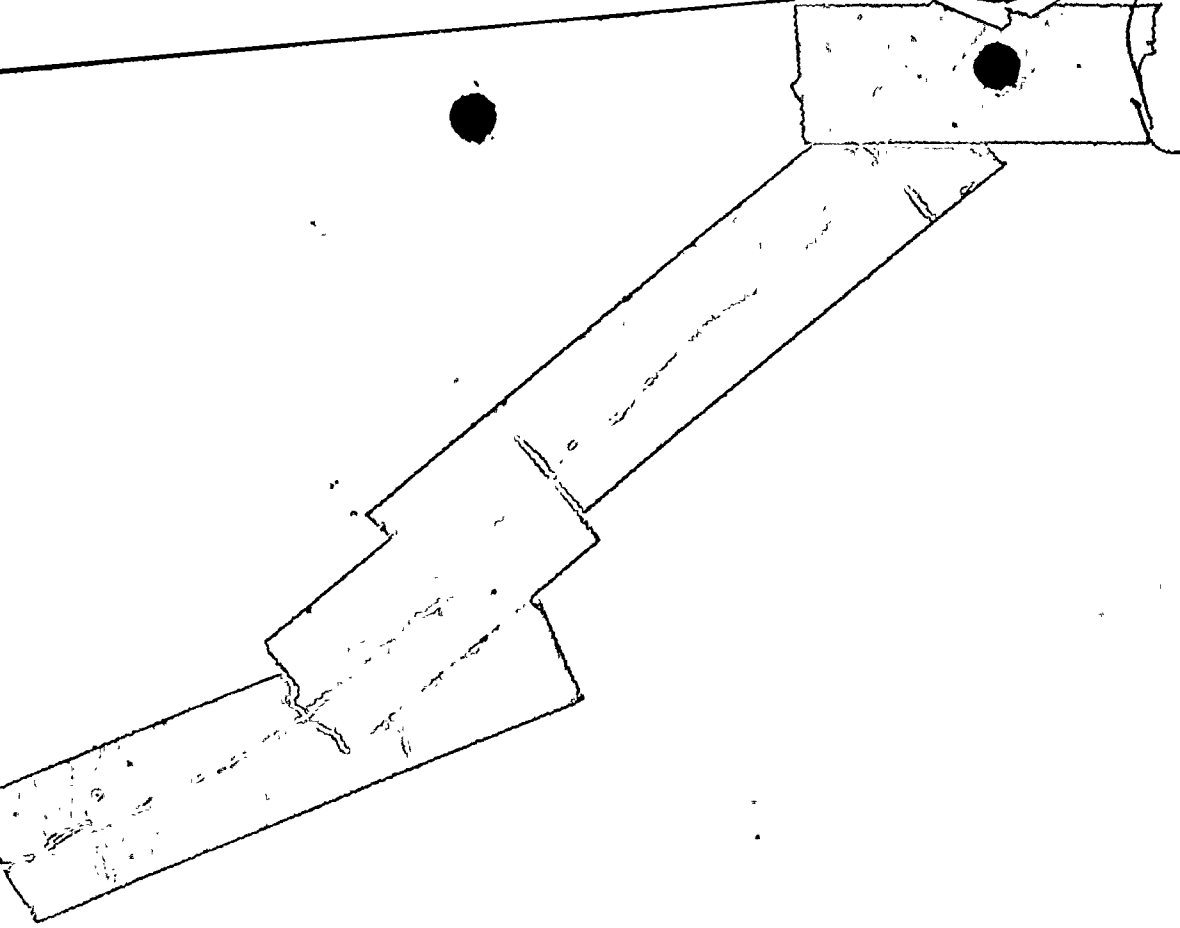
JBE/dml

cc: ~~Mr. A. Schwencer~~  
Licensing Branch No. 2  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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