



Pennsylvania Power & Light Company

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

June 8, 1984

IE FILE COPY

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

SUSQUEHANNA STEAM ELECTRIC STATION  
NONCOMPLIANCE-TOTAL SUSPENDED SOLIDS  
NPDES PERMIT NO. PA 0047325  
CCN 741326 FILE 012  
PLE-5165

Dear Mr. Koval:

Per our telephone conversation of June 5, 1984, I am submitting additional information on a noncompliance for NPDES Permit No. PA 0047325 for Total Suspended Solids (TSS) on May 31, 1984. On this day, the discharge level of TSS was 213.2 mg/l (limit 200 mg/l). This high level is attributed to high river water levels during the week of May 28, 1984, peaking at approximately 20 feet at the Susquehanna Steam Electric Station. A TSS raw river water sample collected May 30, 1984 was 121 mg/l (see attached table). With the station cooling system concentration design factor of approximately 4 the estimated discharge level of TSS could have been above 400 mg/l.

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

Respectfully yours,

Jerome S. Fields  
Sr. Environmental Scientist-Nuclear

Env-

JSF/dml

jsfltf001270a

Attachment

cc: A. Schwencer [NRC]

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PDR ADOCK 05000387  
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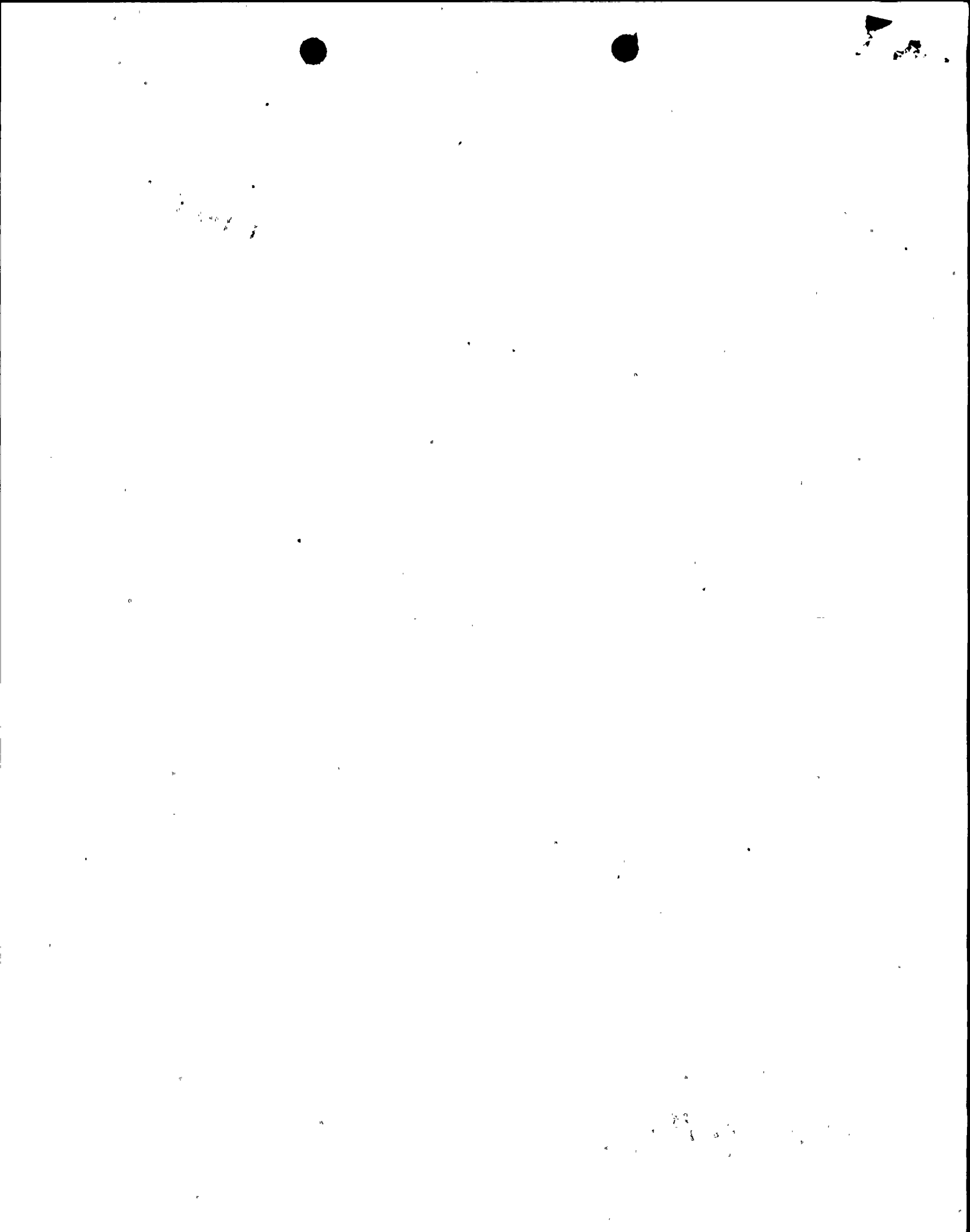


TABLE 1

TOTAL SUSPENDED SOLIDS

<u>Date</u>	<u>River (mg/l)</u>	<u>Blowdown (mg/l)</u>
May 27, 1984	8.3	25.6
May 28, 1984	6.4	42.6
May 29, 1984	6.8	26.2
May 30, 1984	121	188.8
May 31, 1984	93	213.2

