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 BROOKS, R.H. Tennessee Valley Authority
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SUBJECT: Responds to 880610 notice of violation of biochemical oxygen demand permit limits during Mar 1988.

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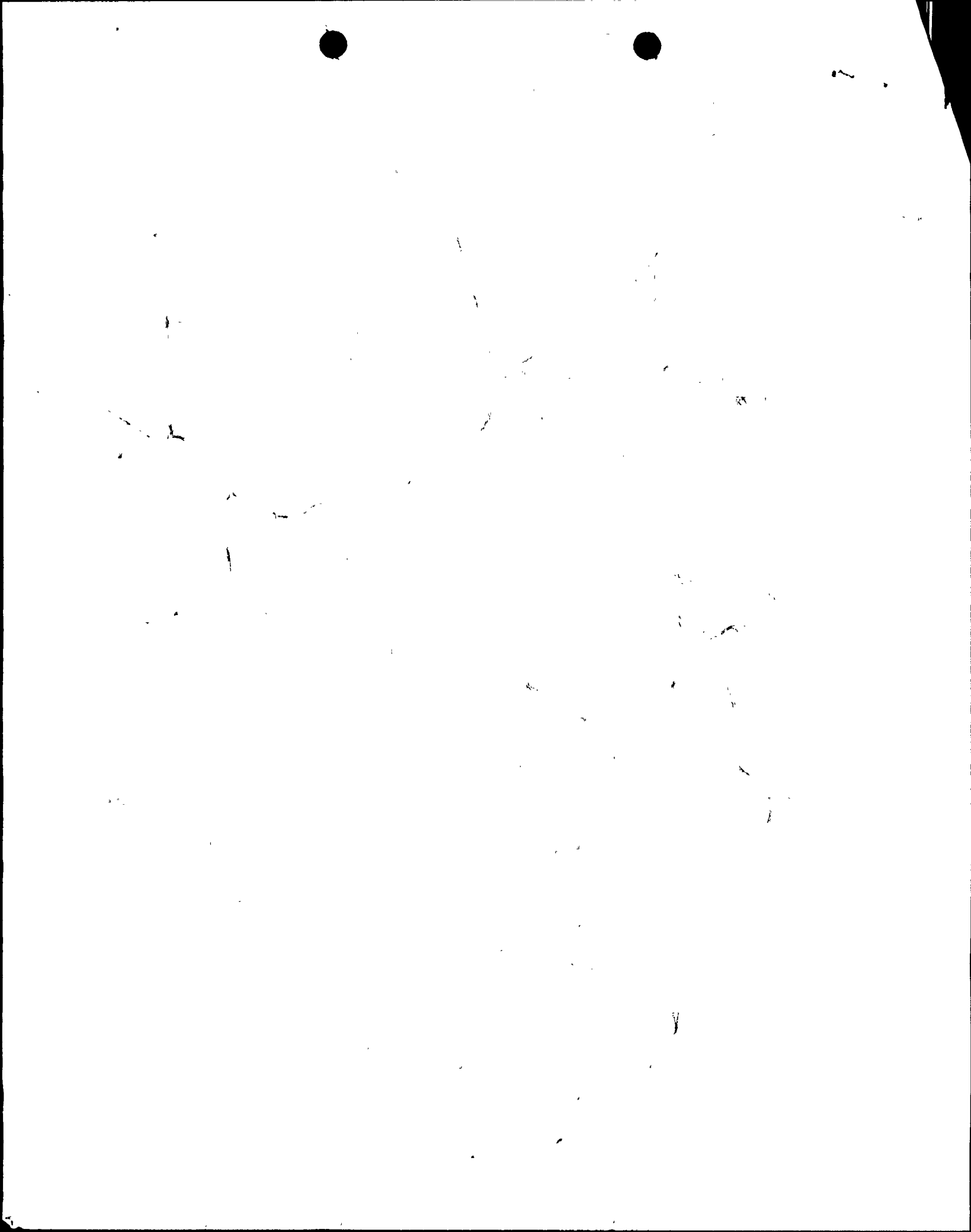
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TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

JUN 23 1988

Mr. Charles Horn, Director
Water Division
Alabama Department of
Environmental Management
1751 Federal Drive
Montgomery, Alabama 36130

Attention: Ms. Treena G. Piznar

Dear Mr. Horn:

BROWNS FERRY NUCLEAR PLANT (BFN) - NPDES PERMIT NO. ALO022080 - NOTICE OF VIOLATION (NOV)

This is in response to your June 10 NOV of biochemical oxygen demand (BOD₅) permit limits during March 1988. The exceedance of the daily average limit for BOD₅ appears to have resulted from a seasonal algal bloom in the sewage lagoon. The lagoon exhibited a granular green color with dissolved oxygen concentrations reaching 130 percent of saturation, conditions which are indicative of an algal bloom.

Because there was available holding capacity in the lagoon, it was decided to discontinue the discharge on March 20. There has not been a discharge since that day. BFN personnel will continue to trend lagoon data to predict and attempt to prevent recurrence of this noncomplying discharge. In addition, the lagoon influent flow is continually evaluated to ensure the designed treatment capacity is not exceeded.

If your staff has any questions regarding this response, please have them call Madonna E. Martin at (615) 632-6695 in Knoxville, Tennessee.

Sincerely,



Ralph H. Brooks, Director
Environmental Quality

cc: Mr. K. P. Barr, Acting Assistant
Director for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW., Suite 2900
Atlanta, Georgia 30323

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JUN 23 1988

Mr. Charles Horn

cc: Ms. S. C. Black, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555