

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



Mr. Fred Morley, District Supervisor
Surface Water Quality Division
Michigan Department of Natural Resources
621 North Tenth Street, P. O. Box 355
Plainwell, MI 49080

September 21, 1995

Dear Mr. Morley:

Re: Cook Nuclear Plant
NPDES Permit No. MI 0005827

This notification is provided as required by Part I, Section A. 1. (a.) (c.) of NPDES Permit MI0005827.

On September 16, 1995, at 0930 hrs., unnatural turbidity was observed at Cook Plant Outfalls 001 and 002 (condenser cooling water and miscellaneous low volume waste.) The turbidity was observed during a molluscicide treatment being performed at the Cook Plant, in accordance with the conditions of our NPDES Permit.

On September 16, 1995, from 0920 to 2120 hrs., Nalco Macrotrol 9380 was applied for zebra mussel control in plant raw water systems. The observed turbidity was caused by bentonite clay being fed into the discharge vaults for Units 1 and 2, during the molluscicide treatment. Clay is used to satisfy the NPDES Permit detoxification requirements. Clay feed was terminated at 2400 hrs. on September 16; a total of 145,000 lbs. of bentonite clay were used to detoxify the molluscicide.

The turbidity observed during the molluscicide treatment was expected, since similar observations have been made during previous treatments. Preventive actions are not possible due to the detoxification requirements contained in the NPDES Permit.

Should you have any questions, please contact John Carlson at (616) 465-5901 ext. 1153, or me at (616) 466-2546.

Sincerely,

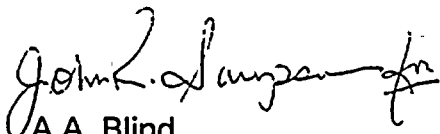

D. M. Fitzgerald
Environmental, Safety & Health Superintendent

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I certify under a penalty of law that I have personally examined and am familiar with the information submitted on this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


A.A. Blind
Site Vice President

bc: A.A. Blind
J.P. Carlson
J.P. Novotny
D.L. Baker
W.T. MacRae