

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 7, 1995

Dear Mr. Morley:

Re: Cook Nuclear Plant
NPDES Permit No. MI 0005827

The following notification is submitted per NPDES Permit MI 0005827, Part I. Section A. 15 (c).

On August 31, 1995 it was determined that the discharge from Outfall 00C (heating boiler blowdown) exceeded the concentration of monethanolamine (ETA) that was submitted in our NPDES Permit application. The actual concentration of ETA in the heating boiler blowdown was estimated to be 630 ppm, whereas the average ETA concentration reported in the NPDES application was 15 ppm.

This incident occurred when a valve connecting the chemical feed system to the heating boiler recirculation line was aligned in the open position. The open valve allowed the chemical feed tank to empty into the recirculation line and into the boiler.

An estimated 42 lbs. of ETA were discharged to the forebay. In perspective, our NPDES application estimated the amount of ETA discharged to the forebay as 639 lbs./year. This value was based on heating boiler runs of 24 hours per day for 15 days per month, while the actual average runs have been less than two days per month in 1995. Therefore, the total amount of ETA discharged to the environment remains well below the estimated annual values. No adverse environmental or public health effects occurred as a result of this event.

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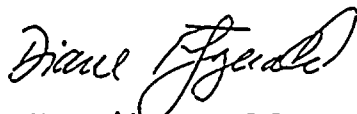
Mr. Fred Morley

NPDES Permit No. MI 0005827

The incident is being fully investigated. Based on the results of our investigation, actions will be taken to prevent recurrence.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Diane Fitzgerald".

D. M. Fitzgerald

Environmental, Safety & Health Superintendent.