



INDIANA & MICHIGAN ELECTRIC COMPANY
 ONE SUMMIT SQUARE, P.O. BOX 60, FORT WAYNE, IN. 46801
 Telephone (219) 425-2111

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RICHARD C. MENGE
 Vice President

October 24, 1985

Paul D. Zugger, Executive Secretary
 Michigan Water Resources Commission
 Stevens D. Mason Building, Box 30026
 Lansing, Michigan 48909

Dear Mr. Zugger:

RE: Donald C. Cook Nuclear Plant
 NPDES Permit No. MI 0005827
 Boiler Blowdown

With both nuclear steam supply systems out of service, the plant heating boiler was started on July 16, 1985.

A blowdown sample taken at 0600 hours on October 22, 1985 contained a suspended solids concentration of 169 PPM. Another sample taken at 0910 hours October 23, 1985 had a concentration of 195 PPM.

Since chemical treatment is made by batch addition, we believe the elevated solids level is due to chemical shock.

By copy of this letter, the Nuclear Regulatory Commission is notified pursuant to the requirements of Appendix B, Part II, Nonradiological, Environmental Protection Plan, Section 3.2.

Very truly yours,

Richard C. Menge
 Richard C. Menge
 Vice President

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RCM/df

c: J. G. Keppler - NRS, Region III ✓
 W. G. Smith, Jr.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this and all attached documents; and 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.

Richard C. Menge
 Richard C. Menge

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c: M. P. Alexich - Columbus
H. B. Brugger - Columbus
J. E. Dolan - Columbus
R. W. Jurgensen - Columbus
R. F. Kroeger - Columbus
K. D. Mack - Columbus
R. W. Reeves/C. E. Hawk - Columbus

A. A. Blind - Cook Plant
T. A. Kriesel - Cook Plant
NRC Resident Inspector - Cook Plant
PNSRC - Cook Plant
J. F. Stietzel - Cook Plant

G. Charnoff, Esq.-- Shaw, Pittman, Potts & Trowbridge
R. E. Zahler, Esq. - Shaw, Pittman, Potts & Trowbridge

R. C. Callen - Michigan Public Service Commission

D. R. Hahn - Michigan Department of Public Health

H. R. Denton - Nuclear Reactor Regulations

Dottie Sherman - ANI Library

INPO - Records Center

10-11-12