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**INDIANA & MICHIGAN ELECTRIC COMPANY**

DONALD C. COOK NUCLEAR PLANT  
P.O. Box 458, Bridgman, Michigan 49106  
(616) 465-5901

February 6, 1985

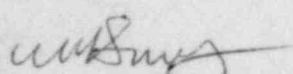
Mr. J.G. Keppler, Regional Administrator  
United States Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Operating License DPR-58/74  
Docket Nos. 50-315/50-316

Dear Mr. Keppler:

Pursuant to the requirements of Appendix B, Part II, Nonradiological, Environmental Protection Plan, Section 3.2, a copy of the report to the Michigan Water Resources Commission notifying them of a high concentration of iron in the Backup Heating Boiler on January 11, 1985, is attached. This report is required by Amendment No. 54 to Facility Operating License No. DPR-58 and Amendment No. 40 to Facility Operating License No. DPR-74 dated May 6, 1982.

Sincerely,

  
W.G. Smith, Jr.  
Plant Manager

/bab

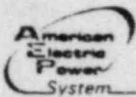
Attachment

- cc: John E. Dolan
- M.P. Alexich
- R.F. Kroeger
- H. Brugger
- NRC Resident Inspector
- R.C. Callen, MPSC
- G. Charnoff, Esq.
- J.M. Hennigan
- H.R. Denton, NRC
- J.F. Stietzel
- Dottie Sherman, ANI Library
- INPO
- PNSRC

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**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

January 18, 1985

*RICHARD C. MENGE*  
Vice President

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

Re: Donald C. Cook Nuclear Plant  
NPDES Permit No. MI 0005827  
Steam Generator Blowdown

Dear Mr. Zugger:

With both nuclear units out of service, the plant heating boiler was started on January 11, 1985. A blowdown sample taken at 1130 hours on January 11, 1985 was analyzed and found to have an iron concentration of 1.21 PPM. The iron concentration is most likely the result of infrequent use of the boiler.

An NPDES modification which exempts the plant heating boilers from iron and copper limits was approved by the Michigan Water Resources Commission on March 21, 1979, although the permit was never formally modified to reflect the administrative action.

Very truly yours,

R. C. Menge  
Vice President

pcf

cc: W. G. Smith

I certify under penalty of law that I have personally examined and am familiar with the information submitted in 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.

R. C. Menge