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INDIANA & MICHIGAN ELECTRIC COMPANY

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

August 30, 1984

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 August 6, 1984, 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,

for W.G. Smith, Jr.
Plant Manager

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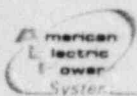
Attachment

- cc: John E. Dolan
- M.P. Alexich
- R.F. Kroeger
- H. Brugger
- E.R. Swanson, RO:III
- R.C. Callen, MPSC
- G. Charnoff, Esq.
- J.M. Hennigan
- H.R. Denton, NRC
- R.O. Bruggee, EPRI
- E.L. Townley
- J.F. Stietzel
- Dottie Sherman, ANI Library

- INPO
- Dir., IE
- Dir., MIPC
- PNSRC

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INDIANA & MICHIGAN ELECTRIC COMPANY

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

August 9, 1984

JACK F. STARK
Senior Vice President

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

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

Dear Mr. Zugger:

The plant heating boiler was started on August 5, 1984, due to simultaneous outages of both nuclear units. A blowdown sample taken August 6, 1984, at 0020 hours was analyzed and found to have an iron concentration of 1.40 ppm. The iron level most likely is the result of infrequent use of the boiler. A backup sample was taken August 6, 1984, at 0755 hours and analysis indicated 0.47 ppm iron concentration.

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

Very truly yours,

J. F. Stark
Senior Vice President

JFS/be

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.

J. F. Stark

bc: R. W. Jurgensen
T. A. Kriesel
J. A. Wojcik
R. W. Reeves/C. Hawk
J. P. White
R. E. Zahler