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ACCESSION NBR: 8708260124 DOC. DATE: 87/08/11 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 MENGE, R. C. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 ZUGGER, P. D. Michigan, State of

SUBJECT: NPDES noncompliance notification: on 870805, chlorination of circulating water commenced due to biological fouling. Total residual chlorine levels recorded on 870805, 08 & 09 listed.

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NOTES:

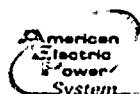
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INDIANA & MICHIGAN ELECTRIC COMPANY
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Telephone (219) 425-2111

RICHARD C. MENGE
Vice President

August 11, 1987

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

Dear Mr. Zugger:

Re: Donald C. Cook Nuclear Plant
NPDES Permit No. MI0005827
Unit 2 Discharge

Due to biological fouling of D. C. Cook Plant condenser tubes, chlorination of the Unit 2 circulating water commenced on August 5, 1987. NPDES Permit MI0005827 limits Total Residual Chlorine (TRC) in outfalls 001/003 and 002/003 to 0.1 mg/l. The following TRC levels were recorded on August 5, 8 and 9:

<u>Date</u>	<u>Time</u>	<u>FAC (mg/1)</u>
8/5/87	14:11	0.70
	14:21	0.52
	14:31	0.43
	14:41	0.27
	14:51	0.00
		<u>TRC (mg/1)</u>
8/8/87	10:50	0.04
	11:00	0.06
	11:10	0.13
	11:20	0.03
	11:30	0.00
8/9/87	11:05	0.03
	11:15	0.03
	11:25	0.06
	11:35	0.29
	11:45	0.00

The values reported for August 5 are actually representative of Free Available Chlorine (FAC), rather than Total Residual Chlorine.

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PDR ADDCK 05000316
S PDR

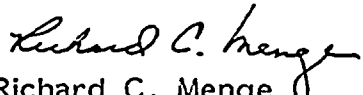
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Paul D. Zugger
August 11, 1987
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Chlorination has not been necessary at the Cook Plant for many years. In fact, the equipment originally installed for chlorination had been taken out of service, and a new system was recently devised. It is believed that as our personnel develop operating experience with the new equipment, it will be possible to stay within the 0.1 mg/l TRC discharge limit. TRC values obtained on August 7, 10 and 11 were in compliance with the permit limit.

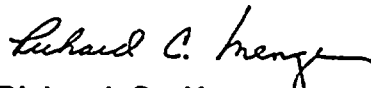
By copy of this letter, the Nuclear Regulatory Commission is notified pursuant to the requirements of Appendix B, Part II, Nonradiological Environmental Protection Plant, Section 3.2.

Very truly yours,


Richard C. Menge
Vice President

RCM/pcf
cc: W. G. Smith, Jr.
A. B. Davis, NRC, Region III

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

cc: M. P. Alexich - Columbus
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J. E. Dolan - Columbus
R. W. Jurgensen - Columbus
R. F. Kroeger - Columbus
K. D. Mack - Columbus
R. W. Reeves/T. E. Webb/C. E. Hawk

A. A. Blind - Cook Plant
T. A. Kriesel/D. Fitzgerald-Stuart - Cook Plant
NRC Resident Inspector - Cook Plant
PNSRC - Cook Plant
J. F. Stietzel - Cook Plant

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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

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