

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8712030311 DOC. DATE: 87/11/23 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 AUTH. NAME AUTHOR AFFILIATION
 MENGE, R. C. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION
 ZUGGER, P. D. Michigan, State of

SUBJECT: NPDES noncompliance notification: on 871117, analysis of grab sample of Unit 1 discharge taken during circulating water chlorination showed total residual chlorine concentration of 0.14 mg/l. Caused by vibration resulting in valve closed.

DISTRIBUTION CODE: IE25D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: Environmental Monitoring Rept (per Tech Specs)

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

November 23, 1987

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FILE 10

Dear Mr. Zugger:

RE: Donald C. Cook Nuclear Plant
NPDES Permit No. MI 0005827
Circulating Water, Total Residual
Chlorine Discharge Limitations

Richard C. Menge
Vice President
219 425 2103

At 1345 hours on November 17, 1987, an analysis of a grab sample of the Unit #1 discharge taken during circulating water chlorination showed a total residual chlorine concentration of 0.14 mg/l. Upon this discovery, the rate of sodium hypochlorite addition was throttled back in an effort to bring the total residual chlorine concentration back within limits. Circulating water chlorination was terminated at 1355 hours.

The high chlorine level was apparently due to vibration which caused the chlorine recirculation valve to close. This subsequently increased chlorine flow to the chlorination header.

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
RCM/df

c: W. G. Smith, Jr. - Cook Plant
A. B. Davis - NRC, Region III
Fred Morley - MDNR, Plainwell

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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November 23, 1987

Paul D. Zugger

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