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ACCESSION NBR: 9206170006 DOC. DATE: 92/06/10 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH. NAME AUTHOR AFFILIATION
 BAKER, D.L. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION
 MORLEY, F. Michigan, State of

SUBJECT: NPDES noncompliance notification: on 920606, grab sample of
 Outfall 002 circulating water discharge indicated total
 residual chlorine above limits. Caused by malfunctioning
 svc water flow meter. Flow meter will be replaced.

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Mr. Fred Morley, District Supervisor
Surface Water Quality Division
Michigan Department of Natural Resources
621 North 10th Street
P. O. Box 355
Plainwell, MI 49080

June 10, 1992

Dear Mr. Morley:

RE: Cook Nuclear Plant
NPDES Permit No. MI 005827

This notification is provided pursuant to PART II, Section A.5. of NPDES Permit No. MI0005827. On June 6, 1992, at 1350 hours EDT, during intermittent chlorination of the plant service water systems, a grab sample of Outfall 002, circulating water discharge was analyzed for total residual chlorine (TRC). The analysis indicated a TRC concentration of 0.76 mg/l. The sodium hypochlorite flow to the systems was immediately reduced. At 1404 hours, a grab sample analysis indicated the concentration of TRC had decreased to 0.22 mg/l. At 1414 hours, the TRC concentration had decreased to 0.03 mg/l. The daily maximum value for TRC during the time of chlorination was 0.18 mg/l.

A malfunctioning non-essential service water flow meter has been identified as a contributing factor to the event. The flow meter is scheduled for replacement prior to resumption of chlorination activities on the non-essential service water systems.

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,

A handwritten signature in cursive script that reads "Donald L. Baker".

Donald L. Baker
Environmental Affairs Director

DLB/sdb/022

c: ☒ NRC Document Control
A. B. Davis - NRC, Region III
J. A. Isom - NRR Resident Inspector

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June 10, 1992

Fred Morley, District Supervisor

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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.

Donald L. Baker

Donald L. Baker

