

Indiana Michigan
Power Company
Cook Nuclear Plant
500 Circle Drive
Buchanan, MI 49107
616-465-5901



August 31, 2001

C0801-23
10 CFR 50.4

Docket Nos: 50-315

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, D. C. 20555-0001

Donald C. Cook Nuclear Plant Unit 1
SODIUM HYPOCHLORITE DISCHARGE LIMIT EXCEEDED
NATIONAL POLLUTANT DISCHARGE ELIMINATION
SYSTEM NOTIFICATION

Indiana Michigan Power Company is the holder of National Pollutant Discharge Elimination System (NPDES) Permit MI0005827 for the Donald C. Cook Nuclear Plant. Section 5.4.2 to Part II of Appendix B (Environmental Technical Specifications) to Facility Operating Licenses DPR-58 and DPR-74 requires reports of non-routine events that are reportable to state agencies to be submitted to the Nuclear Regulatory Commission (NRC).

In a letter dated August 31, 2001, the Michigan Department of Environmental Quality (MDEQ) was notified of a sodium hypochlorite discharge to Lake Michigan that exceeded the NPDES permit limits. The notification of the condition was provided to MDEQ per Part II, Section C.6.B of the NPDES permit. In accordance with the Environmental Technical Specifications, a copy of the report is hereby provided to the NRC.

This letter includes no new commitments. Should you have any questions or concerns regarding this notification, please contact John P. Carlson, Environmental Superintendent, at (616) 465-5901, extension 1153.

Sincerely,

A handwritten signature in black ink that reads 'Scot A. Greenlee'.

Scot A. Greenlee
Director of Design Engineering and Regulatory Affairs

Attachment

/bjb

IE23

c: J. E. Dyer
MDEQ – DW & RPD, w/o attachment
NRC Resident Inspector
R. Whale, w/o attachment

ATTACHMENT TO C0801-23

National Pollutant Discharge Elimination System Notification to
Michigan Department of Environmental Quality

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Plant
Bridgman, MI 49106
616 465 5901



Mr. Fred Morley, District Supervisor
Surface Water Quality Division
Michigan Department of Environmental Quality
1342 SR 89 West
Suite B
Plainwell, MI 49080

August 31, 2001

Dear Mr. Morley:

Subject: Donald C. Cook Nuclear Plant
NPDES Permit No. MI 0005827

This notification is being made pursuant to Cook Nuclear Plant's NPDES Permit MI 0005827, Part II. Section C. 6. B. Noncompliance Notification.

On August 29, 2001 at 7:50 p.m. during continuous chlorination of the Service Water Systems, the Total Residual Chlorine (TRC) at Outfall 001 was measured at 160 ug/l. This exceeds the continuous chlorination limit of 38 ug/l Part I.A.1. All chlorination of Service Water stopped upon discovery of this data.

This exceedence was caused by the removal of the Unit One circulating water pumps which provide the dilution flow necessary to achieved discharge permit limits during the continuous chlorination of the Service Water System. The plant was in the process of a planned shutdown to repair a circulating water valve.

Mr. John Vollmer and Mr. Steven Norton of the MDEQ Plainwell office were notified of the exceedence at 8:25 a.m. on August 30, 2001. This exceedence did not pose a threat to the environment or public health and safety. Should you have any questions, please contact me at (616) 465-5901 ext. 1153.

Sincerely,

A handwritten signature in black ink, appearing to read 'J.P. Carlson', is written over the typed name and title.

John P. Carlson
Environmental Superintendent

c: U.S. Nuclear Regulatory Commission per App. B T.S.

Page 2
Mr. Fred Morley
TRC Exceedence
August 31, 2001

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.

A handwritten signature in black ink, appearing to read "A. C. Bakken III". The signature is written in a cursive style and is enclosed within a hand-drawn circle.

A. C. Bakken III
Site Vice President

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Plant
Bridgman, MI 49106
616 465 5901



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Surface Water Quality Division
Michigan Department of Environmental Quality
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A. C. Bakken III
Site Vice President