

Indiana Michigan  
Power Company  
500 Circle Drive  
Buchanan, MI 49107 1373



C1001-11  
10 CFR 50.4

October 25, 2001

Docket Nos: 50-315  
50-316

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

Donald C. Cook Nuclear Plant Units 1 and 2  
STORMWATER AND SODIUM HYPOCHLORITE SPILL  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND  
GROUNDWATER DISCHARGE AUTHORIZATION NOTIFICATION

Indiana Michigan Power Company is the holder of National Pollutant Discharge Elimination System (NPDES) permit MI0005827 and Groundwater Discharge Authorization (GDA) M00988 for Donald C. Cook Nuclear Plant. Section 3.2 to Part II of Appendix B (Environmental Technical Specifications) to Facility Operating Licenses DPR-58 and DPR-74 requires violations of the NPDES Permit to be reported to the Nuclear Regulatory Commission (NRC) by submittal of copies of the reports required by the NPDES Permit.

In a letter dated October 25, 2001, the Michigan Department of Environmental Quality (MDEQ) was notified of a spill of a mixture of stormwater and sodium hypochlorite to the ground. The notification of this spill was provided to MDEQ per Part II, Section C.7 of the NPDES permit and Part II, Section A.7 of the GDA. In accordance with the Environmental Technical Specifications, a copy of the report is hereby provided to the NRC. This letter contains 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'. The signature is written in a cursive style with a large, looped 'S' at the beginning.

Scot A. Greenlee

Director of Design Engineering and Regulatory Affairs

/dmb

Attachment

IE23

c: J. E. Dyer  
MDEQ - DW & RPD  
NRC Resident Inspector  
R. Whale

ATTACHMENT TO C1001-11

NPDES Notification to

Michigan Department of Environmental Quality

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



Mr. Greg Danneffel  
District Supervisor  
Surface Water Quality Division  
Michigan Department of  
Environmental Quality  
7953 Adobe Road  
Kalamazoo, Michigan 49009

October 25, 2001

Dear Mr. Danneffel:

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

This notification is made pursuant to Cook Nuclear Plant's NPDES Permit MI 0005827, Part II. Section C. 7, Spill Notification.

On October 17, 2001 at 0836 hrs, approximately 650 gallons of a mixture of stormwater and sodium hypochlorite (NaOCl) leaked to the ground from a secondary containment. The leak was caused when a PVC drain valve was broken off by a worker walking in the area. A sample of the contents of the secondary containment indicated the concentration to be approximately 320 mg/l as total residual chlorine as analyzed by USEPA method 330.5. Calculations indicate approximately 3.6 lbs. of NaOCl was leaked to the ground. This is below the CERCLA Reportable Quantity (RQ) of 100 lbs. sodium hypochlorite and the State Part 5 "Spillage of Oil and Polluting Materials" (10 lbs.)

The broken pipe was plugged and the remaining contents were pumped into the main NaOCl tank. The broken valve was repaired on October 19, and a protective cover was fabricated to protect the valve assembly. The NaOCl leaked into a sandy area where recovery was not possible, no free product leaked to the surface water or stormwater. This spill had minimal impact on the surrounding environment.

Mr. John Volmer and Mr. Tom Leep of the MDEQ, and Ms. Carol Weaver of the Environmental Response Division were notified of the spill on October 17, 2001.

Should you have any questions, please contact me at 616-465-5901 extension 1153.

Sincerely,

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

John Carlson  
Environmental Superintendent

c: Mr. John Volmer, MDEQ - Kalamazoo  
U.S. Nuclear Regulatory Commission per App. B T.S.

2001-3840

Page 2

Mr. Greg Danneffel

October 25, 2001

Re: Cook Nuclear Plant

NPDES Permit No. MI 0005827

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. C. Bakken III  
Site Vice President

bc: A. C. Bakken III  
J. M. Brown  
J. P. Carlson  
R. W. Gaston  
C. E. Hawk  
J. E. Pollock  
W. H. Schalk  
B. W. Watson  
W. D. Wood  
B. K. Zordell  
MDEQ File  
NDM (2001-3840), Mail Zone 1