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Indiana Michigan Power
One Cook Place
Bridgman, MI 49106
IndianaMichiganPower.com

March 10, 2010

AEP-NRC-2010-28

Docket No.: 50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Donald C. Cook Nuclear Plant Unit 2
SUBMITTAL OF NON-COMPLIANCE NOTIFICATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT MI0005827

In a letter dated March 3, 2010, Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant (CNP) Unit 2, submitted a non-compliance notification for National Pollutant Discharge Elimination System Permit MI0005827 to the Michigan Department of Natural Resources and Environment. For the calendar week of February 14–20, 2010, CNP failed to obtain a Unit 2 Circulating Water Discharge (Outfall 002A) weekly sample for pH during a discharge period.

In accordance with Section 3.2 of Part II of Appendix B of the Environmental Technical Specifications for CNP, a copy of the notification is included as an attachment to this letter.

This letter contains no new commitments. Should you have any questions regarding this notification, please contact Jon H. Harner, Environmental Manager, at (269) 465-5901, extension 2102.

Sincerely,

James M. Petro, Jr.
Regulatory Affairs Manager

JEN/rdw

Attachment

c: T. A. Beltz – NRC Washington DC
J. T. King – MPSC, w/o attachment
S. M. Krawec - AEP Ft. Wayne, w/o attachment
MDNRE – WHMD/RPS, w/o attachment
NRC Resident Inspector
M. A. Satorius – NRC Region III

CDD1
NRR

ATTACHMENT TO AEP-NRC-2010-28

NON-COMPLIANCE NOTIFICATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT MI0005827



Indiana Michigan Power
One Cook Place
Bridgman, MI 49106
IndianaMichiganPower.com

March 3, 2010

AEP-MDNRE-2010-1

Michigan Department of Natural Resources and Environment
Attn: Mr. Greg Danneffel, District Supervisor
Surface Water Quality Division
7953 Adobe Road
Kalamazoo, MI 49009

Subject: Indiana Michigan Power Company
Donald C. Cook Nuclear Plant
National Pollutant Discharge Elimination System (NPDES) Permit No. MI0005827

Dear Mr. Danneffel:

This notification is made pursuant to Donald C. Cook Nuclear Plant's (CNP) NPDES Permit No. MI 0005827, Part II. Section C.6.b, Noncompliance Notification – Other Reporting.

For the calendar week of February 14–20, 2010, CNP failed to obtain a Unit 2 Circulating Water Discharge (Outfall 002A) weekly sample for pH during a discharge period. Because of a sample pump failure, grab samples were being substituted to comply with the permit requirement for weekly sampling. During the week in question, rough lake conditions made sampling at this grab sample point unsafe. On February 25, 2010, CNP determined that this missed grab sample was an NPDES permit non-compliance. Sample data from the previous week and the following week have been within permit limits.

This non-compliance does not pose a threat to the environment, public health, or safety.

A safer sampling point has since been evaluated and approved for use. Corresponding procedure changes to allow sampling from the new location have been approved and were effective on February 25, 2010.

Should you have any questions regarding this notification, please contact me at (269) 465-5901, extension 2102.

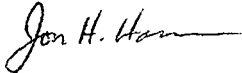
Sincerely,

Jon H. Harner
Environmental Manager

BKZ/rdw

c: Mr. Steve Norton, MDNRE – Kalamazoo

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 cursive script, appearing to read "Jon H. Harner".

Jon H. Harner
Environmental Manager