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

November 17, 2009

AEP-NRC-2009-81

Docket Nos.: 50-315
50-316

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

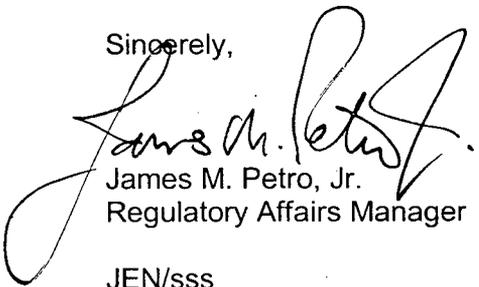
Donald C. Cook Nuclear Plant Units 1 and 2
SUBMITTAL OF NON-COMPLIANCE NOTIFICATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT MI0005827

In a letter dated November 2, 2009, Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, submitted a non-compliance notification for National Pollutant Discharge Elimination System Permit MI0005827 to the Michigan Department of Environmental Quality. For the weeks ending October 10 and October 24, 2009, CNP failed to obtain a Reverse Osmosis System Reject (Outfall 00G) weekly sample for Total Suspended Solids during a discharge period, defined as Sunday through Saturday in CNP's NPDES permit.

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/sss

Attachment

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

C 001
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ATTACHMENT TO AEP-NRC-2009-81

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



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Indiana Michigan Power
One Cook Place
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November 2, 2009

AEP-MDEQ-2009-4

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

Subject: Donald C. Cook Nuclear Plant
National Pollutant Discharge Elimination System (NPDES) Permit No. MI 0005827,
Noncompliance Notification

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 weeks ending October 10 and October 24, 2009, CNP failed to obtain a Reverse Osmosis System Reject (Outfall 00G) weekly sample for Total Suspended Solids during a discharge period, defined as Sunday through Saturday in CNP's NPDES permit.

Approximately 0.186 million gallons of reject water was discharged between October 4 and October 5, 2009, prior to the system being shut down for maintenance early on October 5, 2009. Although Monday is the normally scheduled sample day, the system had been taken out of service prior to obtaining a sample for that discharge period.

Approximately 0.231 million gallons of reject water was discharged between October 23 and October 24, 2009, during start-up of the system following maintenance. Reverse Osmosis System Reject flow Total Suspended Solids was <4.0 parts per million from samples taken on Sunday, October 25, 2009, which was not the normally scheduled sample day. CNP's procedure defines the discharge period as Monday through Sunday; therefore, it was considered that the Sunday sample would satisfy the requirements for the week of October 19, 2009. The delay in sampling does not pose a threat to the environment, public health, or safety.

CNP has identified a procedure revision which will provide reasonable assurance this sample requirement will be met in the future. This event has been entered into CNP's corrective action system.

If you have any questions, please contact me at (269) 465-5901, extension 2102.

Sincerely,

A handwritten signature in cursive script that reads 'Jon H. Harner'.

Jon H. Harner
Environmental Manager

BKZ/jen

c: Mr. Steve Norton, MDEQ – Kalamazoo

Michigan Department of Environmental Quality
Mr. Greg Danneffel
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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.



Jon H. Harner
Environmental Manager