



**INDIANA  
MICHIGAN  
POWER**

**Indiana Michigan  
Power Company**  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106  
aep.com

October 14, 2008

AEP-NRC-2008-39

Docket Nos. 50-315  
50-316

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

Donald C. Cook Nuclear Plant Units 1 and 2  
**SUBMITTAL OF SPILL NOTIFICATION FOR NATIONAL  
POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT MI0005827**

In a letter dated September 29, 2008, Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, submitted a spill notification for NPDES Permit MI0005827 to the Michigan Department of Environmental Quality (MDEQ).

On September 20, 2008, at 2005 hours, the CNP Unit 1 turbine failed and the generator caught fire. An estimated 50 gallons of non-PCB lubricating oil was released to the on-site absorption pond during the fire fighting activities and subsequent oil system leaks. Approximately 1500 gallons of oil were contained by the sump pumps and floor drains. Notification to the Local Emergency Planning Committee was completed on September 20, 2008, at 2350 hours, and the Pollution Emergency Alert System was notified by 2352 hours. An update on clean-up progress was provided to the MDEQ office on Monday, September 22, 2008, at 0830 hours.

The concrete containment berms and floors were cleaned using oil absorbent pads and oil dry material. The oil in the sumps and absorption pond was recovered using a vacuum truck and absorbent materials. The oil was removed, manifested, and disposed of properly. The absorbent material was also disposed of properly. No oil was discharged to Lake Michigan. This spill does not pose a threat to the environment, public health, or safety. The on-site absorption pond was cleaned of the spilled oil by September 26, 2008. The majority of the oil in the building sumps and drains has been recovered and disposed of properly. Final cleanup operations will continue using absorbent material.

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 enclosure to this letter.

JE23  
NRR

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

Sincerely,



Lawrence J. Weber  
Site Vice President

JEN/rdw

Enclosure

c: T. A. Beltz – NRC Washington DC  
J. L. Caldwell – NRC Region III  
K. D. Curry - AEP Ft. Wayne, w/o enclosure  
J. T. King – MPSC, w/o enclosure  
MDEQ – WHMD/RPS, w/o enclosure  
NRC Resident Inspector

ENCLOSURE TO AEP-NRC-2008-39

SPILL NOTIFICATION FOR  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
PERMIT MI0005827



Indiana Michigan  
Power Company  
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September 29, 2008

AEP-MDEQ-2008-3

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

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

Dear Mr. Danneffel:

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

On September 20, 2008, at 2005 hours, the CNP Unit 1 turbine failed and the generator caught fire. Approximately 50 gallons of non-PCB lubricating oil was released to the on-site absorption pond during the fire fighting activities and subsequent oil system leaks. Approximately 1500 gallons of oil were contained by sump pumps and floor drains. Notification to the Local Emergency Planning Committee was completed on September 20, 2008, at 2350 hours, and the Pollution Emergency Alert System was notified by 2352 hours. An update on clean-up progress was provided to your office on Monday, September 22, 2008, at 0830 hours.

The concrete containment berms and floors were cleaned using oil absorbent pads and oil dry material. The oil in the sumps and absorption pond was recovered using a vacuum truck and absorbent materials. The oil was removed, manifested, and disposed of properly. The absorbent material was also properly disposed. No oil was discharged to Lake Michigan. This spill does not pose a threat to the environment, public health, or safety. The on-site absorption pond was cleaned of the spilled oil by September 26, 2008. The majority of the oil in the building sumps and drains has been recovered and properly disposed of. Final cleanup operations will continue using absorbent material.

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

Sincerely,

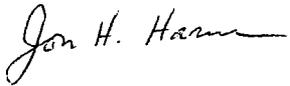
A handwritten signature in black ink that reads 'Jon H. Harner'.

Jon H. Harner  
Environmental Manager

c: Capt. Michael Bradley – LEPC  
Ms. Noreen Hughes – HSEES  
Lake Township Fire Chief  
Mr. Michael Mortimore – Berrien County Health Dept.  
Ms. Susan Parker – SERC  
Ms. Lorraine Thomas, 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