

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8903210327. DOC.DATE: 89/03/06 NOTARIZED: NO DOCKET.#  
 FACIL:50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH.NAME AUTHOR AFFILIATION  
 BAKER,D.L. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP.NAME RECIPIENT AFFILIATION  
 KILMER,G. Michigan, State of

SUBJECT: NPDES noncompliance notification: on 890224, leak found in  
 main turbine lubricating oil coolers.

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 TITLE: Environmental Event Report (per Tech Specs)

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*[Handwritten signature]*

Indiana Michigan  
Power Company  
One Summit Square  
P.O. Box 60  
Fort Wayne, IN 46801  
219 425 2111



Mr. Galen Kilmer  
District Environmental Response Supervisor  
Michigan Department of Natural Resources  
P. O. Box 355  
Plainwell, Michigan 49080

March 6, 1989

Dear Mr. Kilmer:

On February 24, 1989 at 1:30 p.m., personnel at the Indiana Michigan Power Company (I&M) Cook Nuclear Plant discovered a small leak in one of Unit 2's main turbine lubricating oil coolers. Lake water from the nonessential water system is pumped through cooler tubes to cool the lube oil. This small hole created a connection between the cooler and the nonessential water system which discharges to Lake Michigan.

The leaking cooler was isolated and the tube was plugged. To prevent any more possible future leaks in the cooler, eddy current testing was performed to determine the integrity of the remaining cooler tubes.

The exact amount of oil lost is not known, but 1156 gallons of lube oil were added to the tank to bring the level back up to the normal level. No oil was observed at the plant water discharges, nor along the shore or on the ice surrounding the discharges. Due to the very dangerous nature of lake ice no attempt was made to walk out on the ice for a close inspection.

The incident was reported by telephone to the National Response Center, report #2727 and the Michigan PEAS on February 24, 1989.

If there are any further questions, please contact David Shipe, Environmental Engineer at 219/425-2123.

Very truly yours,

A handwritten signature in cursive script that reads "Donald L. Baker".

Donald L. Baker  
Environmental Affairs Manager

DLB/df

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PDR ADOCK 05000316  
S PNU

IF23  
1/0

March 6, 1989  
Mr. Galen Kilmer  
Page 2

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G. Charnoff/R. E. Zahler - Shaw, Pittman, Potts & Trowbridge

T. E. Murley - Nuclear Reactor Regulations

