

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8904240176 DOC. DATE: 89/03/28 NOTARIZED: NO DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 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  
 MORLEY, F. Michigan, State of

SUBJECT: Advises of rerouted wastewater flows at plant such that continuous compliance will be assured at outfall 00F.

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 TITLE: Licensing Submittal: Environmental Rept Amdt & Related Correspondence

### NOTES:

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



Fred Morley, District Supervisor  
Surface Water Quality Division  
Michigan Department of Natural Resources  
P. O. Box 355  
Plainwell, Michigan 49080

March 28, 1989

Dear Mr. Morley:

RE: Cook Nuclear Plant  
NPDES Permit No. MI 0005827

In response to your February 10, 1989 "Notice of Noncompliance and Order to Comply," (Order No. 02-89-08-002P) Indiana Michigan Power (I&M) has rerouted wastewater flows at Cook Nuclear Plant such that continuous compliance will be assured at Outfall 00F. The plant has returned the filter backwash flow to the turbine room sump which discharges to groundwater via the absorption pond. This action is allowed under the groundwater provisions of the current permit.

Since it was the company's original intention to lessen groundwater effluent by discharging the filter backwash to the lake, we will be investigating a demonstration to justify alternative permit conditions for Outfall 00F. If you have any further questions, please call me at (219)425-2118.

Very truly yours,

Donald L. Baker  
Environmental Affairs Director

DLB/df

bc: A. J. Ahern/T. E. Webb  
D. M. Fitzgerald  
K. D. Mack  
M. R. Robida/C. E. Hawk  
J. B. Shinnock  
W. G. Smith, Jr.  
W. E. Walters

M. P. Alexich - Columbus  
P. A. Barrett - Columbus

NRC Resident Inspector - Cook  
PNSRC - Cook

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

T. E. Murley -  
Nuclear Reactor Regulations

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STATE OF MICHIGAN  
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

IN THE MATTER OF

NPDES PERMIT NO  
MI 0005827

FEB 15 1989

ENVIRONMENTAL  
AFFAIRS

Indiana Michigan Power Co.  
Cook Nuclear Plant,  
Bridgman, MI 49106

NC NO.:02-89-08-002P

NOTICE OF NONCOMPLIANCE AND ORDER TO COMPLY

To: Indiana Michigan Power Company  
One Summit Square, P.O. Box 60  
Fort Wayne, Indiana 46801

ATTENTION: Mr. D.L. Baker

PLEASE BE ADVISED THAT we have sufficient information to believe that your facility has failed to comply with the terms and conditions of your National Pollutant Discharge Elimination System (NPDES) Permit issued on September 19, 1985 and modified on April 2, 1987.

PURSUANT to the aforementioned permit (Part I, Section A.4), Any discharge from your facility is limited to the following for outfall 00F (Filter Backwash).

Discharge Limitations  
(mg/l)

| <u>Effluent Characteristics</u> | <u>Monthly Average</u> | <u>Daily Maximum</u> |
|---------------------------------|------------------------|----------------------|
| Total Suspended Solids (mg/l)   | 30                     | 100                  |

The Discharge Monitoring Reports (DMR's) submitted for the months of September through November, 1988 show that your facility exceeded its authorized discharge limits according to the following:

| <u>Date Sampled</u> | <u>Effluent Characteristics</u> | <u>Reported Value</u> |
|---------------------|---------------------------------|-----------------------|
| 09/19/88            | Total Suspended Solids          | 284 mg/l              |
| 10/31/88            | Total Suspended Solids          | 138 mg/l              |
| 11/14/88            | Total Suspended Solids          | 171 mg/l              |

  

| <u>Report Date</u> | <u>Effluent Characteristic</u> | <u>Reported Average</u> |
|--------------------|--------------------------------|-------------------------|
| September, 1988    | Total Suspended Solids         | 112 mg/l                |
| October, 1988      | Total Suspended Solids         | 59.1 mg/l               |
| November, 1988     | Total Suspended Solids         | 60.0 mg/l               |

IT IS THEREFORE DIRECTED that Indiana Michigan Power Company submit to the Surface Water Quality Division District Supervisor at the Plainwell District Office, for approval, not later than March 31, 1989, a plan showing how the Company will consistently and reliably meet all NPDES permit requirements for outfall 00F by May 15, 1989. Continued failure to comply with the NPDES permit or with this order will result in further administrative actions.

BE ADVISED that compliance with the terms of this Notice of Noncompliance does not constitute a release or waiver of liability for violations, past or continuing, of the NPDES permit or Act 245, P.A. of 1929, as amended.

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

Date Issued:

by:

February 10, 1989

*Frederick P. Morley*  
Frederick P. Morley  
Plainwell District Supervisor  
Surface Water Quality Division  
P.O. Box 355, 621 N. 10th Street  
Plainwell, Michigan 49080