

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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ACCESSION NBR: 9107240110 DOC. DATE: 91/07/11 NOTARIZED: NO DOCKET #  
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 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH. NAME AUTHOR AFFILIATION  
 WALTERS, W.E. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME RECIPIENT AFFILIATION  
 MORLEY, F. Michigan, State of

SUBJECT: Informs that final evaluation of thermal discharge performance data on July 10 has revealed that heat addition effluent limitation was exceeded on 910701-05. Cause of exceedances currently being investigated.

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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  
621 North 10th Street  
P. O. Box 355  
Plainwell, Michigan 49080

July 11, 1991

Dear Mr. Morley:

RE: NPDES Permit No. MI0005827  
Cook Nuclear Plant  
Bridgman, Michigan

Final evaluation of thermal discharge performance data on July 10 has revealed that the heat addition effluent limitation of  $15.5 \times 10^9$  BTU/hr. was exceeded on July 1 through 5, 1991, on Outfalls 001 and 002.

July 1	$15.624 \times 10^9$	BTU/hr.
2	$15.817 \times 10^9$	BTU/hr.
3	$15.646 \times 10^9$	BTU/hr.
4	$15.522 \times 10^9$	BTU/hr.
5	$15.599 \times 10^9$	BTU/hr.

The cause of the exceedances is currently being investigated. Elevated Lake Michigan water temperatures and fouled condensers are thought to be contributing factors.

Power reduction was initiated on July 5 to meet the heat addition limitation when we initially became aware of this developing situation. We will continue to investigate the cause and monitor this condition to ensure compliance.

Very truly yours,

*W. E. Walters*  
W. E. Walters  
Executive Assistant

WEW/sdb/018

c: A. B. Davis - NRC Region III  
J. A. Isom - NRR Resident Inspector  
Dr. T. E. Murley - NRR  
(NRC Document Control)

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