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 AUTH. NAME: SHALLER, D.V. AUTHOR AFFILIATION: Indiana & Michigan Electric Co.  
 RECIP. NAME: Commission RECIPIENT AFFILIATION: Commission

SUBJECT: Forwards monthly repts on impingement of fish for June, Aug & Oct 1979. Also forwards corrected version of Jul-Sept 1979 repts. w/ Univ of MI ltr forwarding corrected impingement repts.

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**INDIANA & MICHIGAN ELECTRIC COMPANY**

DONALD C. COOK NUCLEAR PLANT  
P.O. Box 458, Bridgman, Michigan 49106  
(616) 465-5901

February 8, 1980

Directorate of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20545

Docket Nos. 50-315  
50-316

Gentlemen:

Pursuant to the requirements of Section 4.1.2.1.2 of the Appendix B Environmental Technical Specifications for the Donald C. Cook Nuclear Plant, the attached monthly reports on impingement of fish are submitted. These reports cover the months of June, August and October, 1979.

The attached letter from Nancy J. Thurber, Research Associate, Great Lakes Research Division of the University of Michigan, Institute of Science and Technology Building, Ann Arbor, Michigan is self-explanatory.

Also attached are the corrected versions of the impingement of fish reports for the months of July and September of 1979.

As per Technical Specification Appendix B, this transmittal completes one year of the beginning operation of Units I and II, and this will be our last transmittal of data on impingement of fish.

Sincerely,

D. V. Shaller  
Plant Manager

DVS:ab

cc: R. S. Hunter  
J. E. Dolan  
R. W. Jurgensen  
R. F. Kroeger  
R. J. Vollen  
R. E. Masse RO: III  
R. C. Callen, MPSC  
P. W. Steketee, Esq.  
R. Walsh, Esq.  
NRC RO: III  
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Attachments

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8002190751

# GREAT LAKES RESEARCH DIVISION

NOV 23 1979

THE UNIVERSITY OF MICHIGAN  
INSTITUTE OF SCIENCE AND TECHNOLOGY BUILDING  
ANN ARBOR, MICHIGAN 48109  
313/764-2420


21 November 1979

Dear Sir:

The reports of impingement at the D.C. Cook Plant in July and September which you recently received contain an error in the number of fish estimated to have been impinged. This resulted from an error in our computer program which occurred when we revised the program to handle the large numbers of fish impinged this summer. The misplacement of mass-weight data caused by the program resulted in a small error in estimated total impingement in July, but in September this error combined with a misplaced decimal resulted in an extremely large over-estimation of total impingement for this month. Consequently, over 4,000,000 fish were incorrectly estimated to have been impinged in September, whereas the corrected program estimates over 500,000 fish impinged in September. The corrected versions of the impingement reports for July and September are included with this letter. The original reports for June and August are correct.

I apologize for the error and the inconvenience. If you have any questions, please call.

Sincerely,



Nancy J. Thurber  
Research Associate

enc.

NJT/lmu

c.c. Mr. Tom Driesel  
Mr. William Steele  
Mr. Robert Zahler  
Mr. Tom Mishimen  
Mr. Del Shaller  
Mr. P.K. Eapen  
Mr. Gerry LeMasters  
Mr. Alan Gaulke

