Indiana Michigan **Power Company** 500 Circle Drive Buchanan, MI 49107 1395



March 18, 2002

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Docket Nos.: 50-315

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U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Mail Stop O-P1-17

Washington, D. C. 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2 ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT JANUARY 1, 2001, TO DECEMBER 31, 2001

In accordance with 10 CFR 50.36a(a)(2) and Technical Specification (T/S) 6.9.1.7, Indiana Michigan Power Company is providing the Annual Radioactive Effluent Release Report for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2. This report covers the period January 1, 2001, through December 31, 2001.

The calculations in this report were performed in accordance with the CNP Offsite Dose Calculation Manual (ODCM). The ODCM was revised twice during the reporting period, and a copy of each revision is included as an appendix to this report to fulfill the requirements of T/S 6.14.1.c.

There are no new commitments in this submittal. Should you have any questions, please contact Mr. Gordon P. Arent, Manager of Regulatory Affairs, at (616) 697-5553.

Sincerely,

Director, Nuclear Technical Services

/bjb

Enclosure

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c: K. D. Curry, w/o attachment
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ATTACHMENT TO AEP:NRC:2691-04

ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT JANUARY 1, 2001 TO DECEMBER 31, 2001