



**INDIANA
MICHIGAN
POWER**

A unit of American Electric Power

Indiana Michigan Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49136
AEP.com

March 31, 2006

AEP:NRC:6691-01

Docket Nos: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT
JANUARY 1, 2005 THROUGH DECEMBER 31, 2005

In accordance with Technical Specification (TS) 5.6.3, Indiana Michigan Power Company hereby submits the Annual Radioactive Effluent Release Report for Donald C. Cook Nuclear Plant (CNP). This report covers the period January 1, 2005, through December 31, 2005.

The calculations in this report were performed in accordance with the CNP Offsite Dose Calculation Manual (ODCM). There have been two revisions made to the ODCM during this reporting period.

This letter contains no new commitments. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Supervisor, at (269) 466-2649.

Sincerely,

Joseph N. Jensen
Site Vice President

DB/dmb

Attachment

LE48
A009

c: J. L. Caldwell, NRC Region III
K. D. Curry, Ft. Wayne AEP, w/o attachment
J. T. King, MPSC, w/o attachment
MDEQ – WHMD/RPMWS, w/o attachment
NRC Resident Inspector
P. S. Tam, NRC Washington, DC

ATTACHMENT TO AEP:NRC:6691-01

DONALD C. COOK NUCLEAR PLANT UNITS 1 AND 2
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