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May 21, 2010

AEP-NRC-2010-50  
10 CFR Part 72.140(d)  
10 CFR Part 72.174

Docket Nos.: 50-315  
50-316

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
Washington, D.C. 20555-0001

SUBJECT: Donald C. Cook Nuclear Plant Units 1 and 2  
Notification of Intent to Apply Previously Approved 10 CFR Part 50 Quality  
Assurance Program to Independent Spent Fuel Storage Installation Activities

Dear Sir or Madam:

Pursuant to 10 CFR 72.140(d) Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, is providing notification of I&M's intent to apply CNP's previously Nuclear Regulatory Commission (NRC) approved 10 CFR 50, Appendix B, quality assurance program to the independent spent fuel storage installation and spent fuel storage cask activities at CNP. Record keeping requirements, in accordance with 10 CFR 72.174, will be applied.

The NRC accepted quality assurance program was initially contained in CNP Final Safety Analysis Report Amendment 82, dated November 1978. Subsequently, CNP submitted an updated Quality Assurance Program Description (QAPD) to NRC by letter dated July 18, 1985 under docket numbers 50-315 and 50-316. Approval of the updated QAPD was documented by the NRC by letter dated August 16, 1985. The current revision (Revision 20) of the QAPD was made effective on April 9, 2007.

This letter contains no new or modified regulatory commitments. Should you have any questions, please contact Mr. Gary Weber, Dry Cask Storage Project Manager, at (269) 697-5103.

Sincerely,

Raymond A. Hruby, Jr.  
Vice President – Site Support Services

RSP/alm

NMSS01

c: T. A. Beltz, NRC Washington, DC  
J. T. King, MPSC, w/o enclosure  
S. M. Krawec, Ft. Wayne AEP, w/o enclosure  
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