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Indiana Michigan Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
AEP.com

November 17, 2011

AEP-NRC-2011-72
10 CFR Part 72.212

Docket Nos.: 50-315
50-316
72-072

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

SUBJECT: Donald C. Cook Nuclear Plant Units 1 and 2
Notification Pursuant to 10 CFR 72.212, "Conditions of general license issued under
72.210," Prior to First Storage of Spent Fuel

Dear Sir or Madam:

Pursuant to 10 CFR 72.212(b)(1) Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant, is providing notification of intent to commence dry fuel loading operations under the general license provisions of 10 CFR 72, Subpart K. Dry fuel loading activities are expected to commence in June 2012. For the first loading campaign, I&M will use the Holtec International HI-STORM 100 System in accordance with 10 CFR 72 Certificate of Compliance No. 1014 (Amendment 5).

Licensee Name: Donald C. Cook Nuclear Plant Units 1 and 2
Indiana Michigan Power Company

Licensee Address: One Cook Place
Bridgman, MI 49106

Reactor License No.: DPR-58 and DPR-74

ISFSI Docket No.: 72 - 072

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,

Michael H. Carlson
Vice President – Site Support Services

JEN/jmr

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- R. A. Edwards, III, NRC Region III
- C. Haney, NRC Washington, DC
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