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A unit of American Electric Power

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

November 3, 2015

AEP NRC 2015-101  
10 CFR 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

Donald C. Cook Nuclear Plant Units 1 and 2  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
REGISTRATION OF DRY SPENT FUEL STORAGE CASK

Pursuant to 10 CFR 72.212(b)(2) Indiana Michigan Power Company (I&M), the Licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, is providing the following registration information for the use of dry spent fuel storage casks to store used fuel under I&M's 10 CFR 72.210 General License at the CNP Independent Spent Fuel Storage Installation (ISFSI).

Licensee Name: Indiana Michigan Power Company  
Licensee Address: 1 Cook Place, Bridgman, MI 49106  
Reactor License No.: DPR-58 and DPR-74  
Reactor Docket Nos.: 50-315 and 50-316  
ISFSI Docket No.: 72-072

The following casks were placed in service on the dates indicated below:

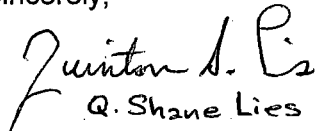
Identification Nos.: HI-STORM Overpack, Serial No. 437  
Multi-Purpose Canister (MPC) Type 32, Serial No. 138  
Cask Certificate: No.: 72-1014, Amendment No. 5  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: October 10, 2015

Identification Nos.: HI-STORM Overpack, Serial No. 766  
MPC Type 32, Serial No. 203  
Cask Certificate: No.: 72-1014, Amendment No. 5  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: October 17, 2015

NMSS 26

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

Sincerely,

  
Q. Shane Lies for J P Gebbie

Joel P. Gebbie  
Site Vice President

MPH/ams

- c: A.W. Dietrich, NRC Washington, DC  
R. A. Edwards, III, NRC Region III  
C. Haney, Director Office of Nuclear Material Safety and Safeguards  
J. T. King, MPSC  
P. L. Loudon, Director Division of Nuclear Materials Safety, NRC Region III  
MDEQ – RMD/RPS  
NRC Resident Inspector  
R. J. Orlikowski, Chief Materials Control, ISFSI, and Decommissioning Branch,  
NRC Region III  
A. J. Williamson, Ft. Wayne AEP