



**INDIANA  
MICHIGAN  
POWER**

A unit of American Electric Power

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

September 20, 2018

AEP NRC 2018-68  
10 CFR 72.212

Docket Nos.: 50-315  
50-316  
72-072 } 72-1014

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, DC 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. 1041  
Multi-Purpose Canister (MPC) Type 32, Serial No. 457  
Cask Certificate: No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: August 25, 2018

Identification Nos.: HI-STORM Overpack Serial No. 1042  
Multi-Purpose Canister (MPC) Type 32, Serial No. 458  
Cask Certificate: No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: September 1, 2018

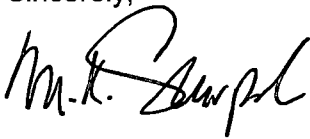
NM5524  
NM5526

Identification Nos.: HI-STORM Overpack Serial No. 1043  
Multi-Purpose Canister (MPC) Type 32, Serial No. 459  
Cask Certificate: No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: September 8, 2018

Identification Nos.: HI-STORM Overpack Serial No. 1044  
Multi-Purpose Canister (MPC) Type 32, Serial No. 460  
Cask Certificate: No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: September 15, 2018

This letter contains no new or revised regulatory commitments. Should you have any questions, please contact me at (269) 466-2649.

Sincerely,



Michael K. Scarpello  
Regulatory Affairs Director

KMH/ml

c: R. J. Ancona, MPSC  
A. W. Dietrich, NRC Washington, DC  
J. B. Giessner, Director Division of Nuclear Materials Safety, NRC Region III  
M. A. Kunowski, Chief Materials Control, ISFSI, and Decommissioning Branch,  
NRC Region III  
MDEQ – RMD/RPS  
NRC Resident Inspector  
K. S. West, Regional Administrator, NRC Region III  
A. J. Williamson, Ft. Wayne AEP